

LENGTH OF PROJECT = 848 LF = 0.161 MILES

AREA OF DISTURBANCE = 0.461 ACRES (<1 ACRE)

08/28/23

DATE

APPROVED

DEPUTY STREET TRANSPORTATION DIRECTOR

F.H.W.A. REGION	STATE	PROJECT NO.	NO.	TOTAL	AS	BUIL
9	ARIZ.	ST89340584	1	31		

FRACE

1201 E. Jefferson St. Suite 3 Phoenix, AZ 85034

TRAFFIC SIGNAL UPGRADES: FINAL

& INDIAN SCHOOL RD INTERSECTIONS

ST89340584:

DATE:03/23 DATE:03/23 DATE:03/23

MAYOR KATE GALLEGO

**VICE MAYOR** LAURA PASTOR

CITY MANAGER JEFF BARTON

#### CITY COUNCIL

DISTRICT NO 1.	ANN O'BRIEN	2
DISTRICT NO 2.	JIM WARING	(
DISTRICT NO 3.	DEBRA STARK	-
DISTRICT NO 4.	LAURA PASTOR	(
DISTRICT NO 5.	BETTY GUARDADO	0
DISTRICT NO 6.	KEVIN ROBINSON	Ī
DISTRICT NO 7.	YASSAMIN ANSARI	֝ ֡ ֡ ֡ ֡ ֡
DISTRICT NO 8.	KESHA HODGE WASHINGTON	٠ د

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12	71ST & THOMAS RAMP IMPROVEMENT PLAN
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16	51ST & INDIAN SCHOOL WIRING PLAN
17	51ST & INDIAN SCHOOL RAMP DETAILS
18	67TH & INDIAN SCHOOL FOUNDATION PLAN
19	67TH & INDIAN SCHOOL EQUIPMENT
20	67TH & INDIAN SCHOOL WIRING PLAN
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22	71ST & THOMAS FOUNDATION PLAN
23	71ST & THOMAS EQUIPMENT
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27	75TH & THOMAS EQUIPMENT
28	75TH & THOMAS WIRING PLAN
29	75TH & THOMAS RAMP DETAILS
30	STRIPING PLAN Contact Arizona 811 at least two full
31	STRIPING PLAN  AR ZONAGII  Call 811 or click Arizona811.com

"PER CITY OF PHOENIX CITY CODE CHAPTER 2. SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY AND MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF THE

14-10, 14-11, 14-12, 15-10, 15-11, 15-12, 16-12, 16-13,

16-16, 16-17, 17-12, 17-13, 17-16, 17-17

PHOENIX STREET - MARICOPA CO. THOMAS RD & INDIAN SCHOOL RD BENCHMARK NEW SURVEY MONUMENT - M.A.G. DETAIL 120-1 TYPE "B" EXISTING SURVEY MONUMENT - M.A.G. DETAIL 120-1 TYPE "B" NEW SURVEY MONUMENT - M.A.G. DETAIL 120-1 TYPE "A" EXISTING SURVEY MONUMENT - M.A.G. DETAIL 120-1 TYPE "A" C ENEW COMBINED CURB & GUTTER - M.A.G. DETAIL 220 TYPE "A" **= = EXISTING COMBINED CURB & GUTTER** //////////// NEW CONCRETE SIDEWALK - C.O.P. STD. DETAIL P1230 /////// EXISTING CONCRETE SIDEWALK NEW CONCRETE DRIVEWAY OR ALLEY ENT. PER DETAIL NO. ON PLANS EXISTING CONCRETE DRIVEWAY OR ALLEY ENT. NEW CONCRETE SIDEWALK RAMP PER DETAIL ON PLANS EXISTING CONCRETE SIDEWALK RAMP ---- EXISTING EASEMENT LINE ---- EXISTING R/W LINE ----- EXISTING PROPERTY LINE ----- EXISTING PAVEMENT CENTER LINE OR MONUMENT LINE NEW DECORATIVE PAVEMENT EXISTING DECORATIVE PAVEMENT — C — CUT LIMIT — F — FILL LIMIT NEW BLOCK WALL EXISTING BLOCK WALL -----X ------ NEW WIRE FENCE - X - EXISTING WIRE FENCE NEW MAILBOX NEW IRRIGATION STANDPIPE - M.A.G. 503 **EXISTING IRRIGATION STANDPIPE** NEW OR RELOCATED FIRE HYDRANT BY CONTRACTOR 0 EXISTING FIRE HYDRANT ⊗ NEW OR RELOCATED UTILITY VALVE BY CONTRACTOR 8 NEW OR RELOCATED IRRIGATION BOX BY CONTRACTOR ADJUST EXISTING WATER VALVE BOX - C.O.P. STD. DETAIL P1391 \_\_\_\_\_\_\_M NEW WATER SERVICE W/SIZE AND WATER METER BOX EXISTING WATER SERVICE W/SIZE AND WATER METER BOX 36" DIP W NEW UTILITY LINE W/ SIZE & TYPE (GREATER THAN 12") EXISTING UTILITY LINE W/ SIZE & TYPE (GREATER THAN 12") M NEW MANHOLE (UTILITY DESIGNATION IN CENTER) EXISTING MANHOLE (UTILITY DESIGNATION IN CENTER) NEW STORM SEWER (GREATER THAN 12") EXISTING STORM SEWER OR NEW STORM SEWER SHOWN ON SEPARATE PLANS (GREATER THAN 12") NEW CATCH BASIN, GUTTER INLET (LENGTH TO SCALE) EXISTING CATCH BASIN, GUTTER LENGTH NEW CATCH BASIN, CURB INLET (LENGTH TO SCALE) EXISTING CATCH BASIN, CURB INLET NEW CATCH BASIN, CURB & GUTTER INLET (LENGTH TO SCALE) EXSITING CATCH BASIN, CURB & GUTTER INLET

RAMP AND SIGNAL IMPROVEMENTS

**LEGEND** 

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FLOW ARROW

EXISTING WATER VALVE W/ TOP OF OPERATING NUT ELEVATION NEW STREET OR TRAFFIC SIGN NEW TRAFFIC SIGNAL POLE W/ MAST ARM & SIGNAL INDICATIONS EXISTING TRAFFIC SIGNAL POLE W/ MAST ARM & SIGNAL INDICATIONS NEW OR RELOCATED UTILITY POLE W/ LINE INDICATING WIRE DIRECTION EXISTING UTILITY POLE W/ LINE INDICATING WIRE DIRECTION -NEW OR RELOCATED POWER POLE DOWN GUY ANCHOR  $-\rightarrow$ EXISTING POWER POLE DOWN GUY ANCHOR <u>}</u>;;-⊸ NEW STREET LIGHT & POLE X---EXISTING STREET LIGHT & POLE NEW STREET LIGHT X EXISTING TREE OR STUMP TO BE REMOVED (GREATER THAN 12" DIA.) EXISTING TREE OR STUMP TO BE REMOVED 12" DIA. OR LESS (NPI) EXISTING TREE TO BE TRANSPLANTED BY CONTRACTOR 0 EXISTING TREE TO REMAIN (GREATER THAN 12" DIA.) 0 EXISTING TREE TO REMAIN (12" DIA. OR LESS) ¥ **EXISTING PINE TREE** EXISTING PALM TREE 0 EXISTING LARGE SHRUB EXISTING SMALL SHURB EXISTING BUSH S SAWCUT & MATCH EXISTING М MATCH EXISTING

EXISTING STREET LIGHT POLE AND PULL BOX, PROTECT IN PLACE

EXISTING ELECTRICAL JUNCTION BOX, PROTECT IN PLACE

EXISTING TELEPHONE RISER BOX. PROTECT IN PLACE

#### **NOTES**

- ALL CONSTRUCTION SHALL BE PERFORMED IN ACCORDANCE WITH ANY ISSUED CONTRACT ADDENDUMS, CONTRACT SPECIAL PROVISIONS AND DETAILS, PLANS, 2015 CITY OF PHOENIX SUPPLEMENTS TO MAG STANDARD SPECIFICATIONS AND DETAILS, AND 2015 MAG STANDARD SPECIFICATIONS AND DETAILS, IN THAT ORDER OF PRECEDENCE.
- 2. ALL STORM SEWER MANHOLES ARE TO BE CONSTRUCTED WITHOUT STEPS.
- 3. PIPE CONNECTIONS TO EXISTING CONCRETE PIPE MAINS SHALL BE MADE IN ACCORDANCE WITH DETAILS CALLED OUT ON THE PLANS. CONNECTION TO MAINS SHALL NOT BE CLOSER THAN 5 FEET, CENTER TO CENTER.
- 4. PIPE CONNECTIONS TO NEW PRECAST CONCRETE PIPE MAINS, SHALL BE MADE WITH FACTORY MADE WYES OR TEES. THE DETAIL OF THE FITTINGS MUST BE SUBMITTED TO THE ENGINEER FOR APPROVAL PRIOR TO MANUFACTURE. PIPE CONNECTIONS TO NEW CAST IN PLACE CONCRETE PIPE MAINS SHALL BE MADE
- 5. CATCH BASIN CONNECTOR PIPES SHALL BE LAID ON A STRAIGHT ALIGNMENT AND SLOPE UNLESS OTHERWISE SPECIFIED. IF BREAKS IN ALIGNMENT OR SLOPE ARE NECESSARY TO MEET FIELD CONDITIONS, THE MAXIMUM DEFLECTION SHALL BE 22-1/2 DEGREES. THE BEND SHALL BE COLLARED ACCORDING TO MAG STD DTL 505. ANY ANGLE BENDS GREATER THAN 22-1/2 DEGREES SHALL BE PREFABRICATED. CONNECTOR PIPES SHALL CONNECT TO CATCH BASIN WALLS AT AN ANGLE NOT TO EXCEED 22-1/2 DEGREES FROM PERPENDICULAR.
- 6. CONTRACTOR SHALL CONFIRM PIPE MATERIAL AT DESIGNATED CONNECTION POINTS
- 7. FACILITIES WHICH ARE NOT SPECIFICALLY LOCATED WITH ACTUAL VERTICAL AND HORIZONTAL CONTROLS ARE LOCATED ONLY APPROXIMATELY AND TO THE BEST AVAILABLE INFORMATION PROVIDED VARIOUS OWNERS OF THE FACILITIES, AND SUPPLEMENTED BY VISUAL SURFACE INFORMATION WHERE APPROPRIATE. ACCURACY, LOCATION AND COMPLETENESS OF THIS INFORMATION SHALL BE VERIFIED BY THE CONTRACTOR PRIOR TO INITIATION OF CONSTRUCTION.
- 8. EXISTING UTILITIES SHALL BE PROTECTED IN PLACE UNLESS OTHERWISE NOTED
- 9. AT LEAST TWO WORKING DAYS BEFORE CONSTRUCTION, THE CONTRACTOR SHALL CONTACT ARIZONA 811 (FORMERLY BLUESTAKE) TO FIND AND FLAG UNDERGROUND UTILITIES. THE CONTRACTOR SHALL CONTACT OTHER APPROPRIATE UTILITIES DIRECTLY AND VERIFY LOCATION INFORMATION IF THEY ARE NOT IN THE ARIZONA 811 SYSTEM OR IF ARIZONA 811 FAILS TO MARK THE UTILITIES.
- 10. VERTICAL CONTROL IS BASED ON PHOENIX DATUM NGVD-29.
- 11. UNLESS OTHERWISE NOTED, STATIONS SHOWN ON PIPE PROFILES ARE ALONG
- 12. UNLESS OTHERWISE NOTED, PIPE SHALL BE BEDDED IN ACCORDANCE WITH CITY OF PHOENIX DETAIL P1200.
- 13. CATCH BASINS ARE STATIONED PERPENDICULAR TO THE CONSTRUCTION CENTERLINE AND AT THE CENTERLINE OF THE CATCH BASIN.
- 14. SANITARY SEWER MAINS AND TAPS CROSSING OVER STORM DRAIN MAINS SHALL
- 15. ANY AREA OR ITEMS ALTERED DURING CONSTRUCTION SHALL BE RESTORED TO GINAL CONDITION AND LOCATION UNLESS OTHERWISE SPECIFIED.
- 16. ALL EXISTING PRECAST CONCRETE SAFETY CURBS AND ALL EXISTING WOODEN PARKING CURBS, WHICH ARE INSIDE THE RIGHT OF WAY AND APPROXIMATELY PARALLEL TO THE NEW CURB LINE, SHALL BE RESET ON THE RIGHT OF WAY DIRECTLY OPPOSITE THEIR EXISTING LOCATION, WITH THE BACK EDGE OF THE RIGHT OF WAY LINE. ALL OTHER PRECAST CONCRETE SAFETY CURBS INSIDE THE STREET RIGHT OF WAY SHALL BE SALVAGED AND STOCKPILED FOR THE OWNER
- 17. ALL EXISTING PRECAST CONCRETE SAFETY CURBS OUTSIDE THE RIGHT OF WAY WHICH ARE DISTURBED BY NEW CONSTRUCTION SHALL BE RESET IN THEIR ORIGINAL POSITION BY THE CONTRACTOR.
- 18. ALL EXISTING DRIVEWAYS AND ALL EXISTING ALLEYS SHALL BE GRADED TO MATCH THE NEW WORK IN ACCORDANCE WITH COP STD DTL P1164, UNLESS OTHERWISE SPECIFIED. EXISTING SURFACING SHALL BE REMOVED AND REPLACED AS
- 19. UNLESS OTHERWISE PROVIDED ON THE PLANS, EXISTING AC OR PCC DRIVEWAYS AND SIDEWALKS WHICH FALL WITHIN OR ABUT THE RIGHT OF WAY SHALL BE CONNECTED TO THE NEW WORK AS FOLLOWS:
  - THE SPACE BETWEEN THE BACK OF NEW DRIVEWAY ENTRANCES AND EXISTING AC DRIVEWAYS SHALL BE FILLED WITH A MINIMUM OF 3" ACSC ON 100% COMPACTED NATIVE SOIL WHERE EXISTING PAVEMENT AND BASE THICKNESS EXCEED THE MINIMUMS, MATCH THE EXISTING.
  - THE SPACE BETWEEN BACK OF NEW SIDEWALKS AND EXISTING PRIVATE SIDEWALKS, AND THE SPACE BETWEEN THE BACK OF NEW DRIVEWAY ENTRANCES AND EXISTING PCC DRIVEWAYS SHALL BE FILLED WITH PCC. THE THICKNESS AND CLASS SHALL MATCH THAT OF THE NEW SIDEWALK OR
  - UNLESS OTHERWISE PROVIDED ON THE PLANS, THE SPACE BETWEEN THE BACK OF NEW SIDEWALK AND EXISTING AC PARKING LOTS, WHICH ARE WITHIN OR ABUT THE R/W SHALL BE FILLED WITH 2" ACSC ON 100% COMPACTED NATIVE SOIL.
- 20. EXISTING IRRIGATION BERMS DISTURBED BY NEW CONSTRUCTION SHALL BE RECONSTRUCTED AS SHOWN ON PLANS. IN THE EVENT THE PLANS DO NOT CONTAIN RECONSTRUCTION DETAILS, EXISTING IRRIGATION BERMS SHALL BE RESTORED IN THEIR ORIGINAL CONDITION AND LOCATION.
- 21. ALL CONCRETE TO BE REMOVED AND REPLACED SHALL BE SAWCUT TO THE
- 22. CATCH BASIN ACCESS FRAME AND COVERS SHALL BE CONSTRUCTED PER C.O.P.
- 23. CONTRACTOR SHALL USE EXTREME CAUTION WHEN DIGGING NEAR ANY ACP WATER LINE. SHOULD THE LINE BECOME EXPOSED, THE EXPOSED LINE SHALL BE REPLACED WITH NEW DIP FROM JOINT TO JOINT AT THE CONTRACTOR'S EXPENSE



TRACE  1201 E. Jefferson St. Suite 3  Phonoise A7 95024							
9	ARIZ.	ST89340584	2	31			
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DATE: 03/

\_ Jefferson St. Suite 3 Phoenix, AZ 85034

DATE: 03/23

NOTES (CONT.)

24. WATER METER BOX AND COVER RELOCATIONS SHALL BE PLACED WITHIN THE COP RIGHT OF WAY. CONTRACTOR SHALL PROVIDE AT LEAST SIX (6) INCHES OF SPACE BEHIND THE WATER METER BOX TO THE RIGHT OF WAY LINE

#### **ABBREVIATIONS**

	OTHERS PER	MAG STD	DTL 110-2
AC	ASPHALTIC CONCRETE	PC	POINT OF CURVATURE
ACSC	AC SURFACE COURSE	PT	POINT OF TANGENCY
AER	AERIAL	PVC	POINT OF VERTICAL CURVATURE
AP	ANGLE POINT	PVMT	PAVEMENT
BC	BRASS CAP	PVT	POINT OF VERTICAL TANGENCY
B/C	BACK OF CURB	RCBC	REINFORCED CONCRETE BOX CULVERT
BOL	BOLLARD / GUARD POST	RE	ROADWAY EASEMENT
BUR	BURIED	R/W	RIGHT OF WAY
COP	CITY OF PHOENIX	SCPR	SCUPPER
CLF	CHAN LINK FENCE	SD	STORM DRAIN
DE	DRAINAGE EASEMENT	SDMH	STORM DRAIN MANHOLE
DIA	DIAMETER	SGN	SIGN
DNGY	DOWN GUY	SLE	SLOPE EASEMENT
DTL	DETAIL	SS	SANITARY SEWER
EC	ELECTRICAL CABINET	SSMH	SANITARY SEWER MANHOLE
EE	ELECTRICAL EASEMENT	STD	STANDARD
EM	ELECTRICAL METER	STLT	STREET LIGHT
EMH	ELECTRICAL MANHOLE	S/W	SIDEWALK
EP	EDGE OF PAVEMENT	S/E	SIDEWALK EASEMENT
EPB	ELECTRICAL PULL BOX	TC	TOP OF CURB
F	FENCE	TCE	TEMPORARY CONSTRUCTION EASEMENT
F/B	FACE OF BARRIER	TE	TELEPHONE EASEMENT
F/C	FACE OF CURB	TMH	TELEPHONE MANHOLE
FO	FIBER OPTIC	T.N.	TOP OF NUT
G	GUTTER, GAS	TPED	TELEPHONE PEDESTAL
GM	GAS METER	TSC	TRAFFIC SIGNAL CABINET
GMK	GAS MARKER SIGN	TSPB	TRAFFIC SIGNAL PULL BOX
GRATE	STORM DRAIN GRATE	TVPB	TV PULL BOX
GV	GAS VALVE	UG	UNDERGROUND
HH	HANDHOLE	VNAE	VEHICULAR NON-ACCESS EASEMENT
IBX	IRRIGATION CONTROL BOX	WBV	WATER BLOW-OFF VALVE
ICV	IRRIGATION CONTROL VALVE	WE	WATER EASEMENT
L	LIP OF GUTTER	WM	WATER METER
MAG	MARICOPA ASSOCIATION OF		WATER MANHOLE
	GOVERNMENTS	WV	WATER VALVE

MARICOPA COUNTY

MONUMENT LINE OVERHEAD ELECTRIC

HIGHWAY DEPARTMENT MATCH EXISTING

PAVEMENT ELEVATION

PORTLAND CEMENT CONCRETE

POINT OF ENDING

MCHD

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POE

PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28 THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH

> LEGEND, NOTES AND **ABBREVIATIONS**

CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

THOMAS ROAD & INDIAN SCHOOL **ROAD INTERSECTIONS** ST89340584

R: SD	DES: GS	CK: CJ	SHEET	TOTAL
ATE:03/23	DATE: 03/23	DATE: 03/23	NO:	SHEETS
SCALE: N/A			2	31

N BY CITY OF PHOENIX		REVISION BY CITY OF PHOENIX	- PHOENIX		REVISION BY CITY OF PHOENIX	OF PHOENIX	
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RAMP AND SIGNAL IMPROVEMENTS PHOENIX STREET - MARICOPA CO. THOMAS RD & INDIAN SCHOOL RD

WATER GENERAL NOTES

1. PLANNING & DEVELOPMENT DEPARTMENT'S CIVIL/SITE INSPECTION STAFF SHALL BE NOTIFIED 48 HOURS BEFORE ANY CONSTRUCTION BEGINS TELEPHONE 602-262-7811

- 2. ALL WATER VALVE BOXES SHALL BE PER THE CITY OF PHOENIX SUPPLEMENT TO MAG SPECIFICATIONS AND DETAILS, TYPE A ONLY.
- 3. ALL CONSTRUCTION IN CITY OF PHOENIX RIGHT-OF-WAY, OR EASEMENT, IS TO CONFORM TO MAG SPECIFICATIONS AND DETAILS AND CITY OF PHOENIX SUPPLEMENT TO MAG SPECIFICATIONS AND DETAILS, UNLESS MODIFIED ON THE
- 4. ALL DUCTILE IRON PIPE WATER MAIN VALVES, FITTINGS, AND BENDS SHALL BE ALL DUCTILE IRON PIPE WATER MAIN VALVES, FITTINGS, AND BENDS SHALL BE RESTRAINED. RESTRAINED JOINT REQUIREMENTS AND APPROVED RESTRAINING SYSTEM ARE SHOWN IN CITY OF PHOENIX SUPPLEMENT TO MAG SPECIFICATIONS, SECTION 750.3. THE LENGTH OF THE RESTRAINTS MUST BE PER MAG STANDARD DETAIL 303—1 AND 303—2. THRUST BLOCKS ARE NOT ALLOWED TO BE USED IN LIEU OF APPROVED RESTRAINED JOINT SYSTEMS HICKES CAN BE USED IN ADDITION TO THE APPROVED RESTRAINED JOINT SYSTEMS WHERE A SPECIFIC CITY OF PHOENIX SUPPLEMENT TO MAG STANDARD DETAIL CALLS OUT FOR THRUST BLOCKING, SUCH AS CURRENT DETAILS, P1343, P1351, AND P1360 OR WHEN OTHERWISE APPROVED BY THE WATER SERVICES DEPARTMENT.
- 5. THE FOLLOWING MAG DETAILS ARE SPECIFICALLY NOT APPROVED: 302-1 JOINT RESTRAINT WITH TIE RODS 302-2 JOINT RESTRAINT WITH TIE RODS ANCHOR BLOCKS 321 STANDARD WATER METER VAULT

345-1 3". 4". AND 6" WATER METER

4" AND 6" WATER METER WITH ON-SITE FIRE HYDRANTS

VERTICAL REALIGNMENT OF WATER MAINS

ANCHOR BLOCKS FOR VERTICAL BENDS

CURB STOP WITH FLUSHII VALVE BOX INSTALLATION

- 6. COMPACTION SHALL COMPLY WITH MAG SECTION 601 AND CITY OF PHOENIX
- 7. NEW WATER LINES ARE TO BE BUILT IN ACCORDANCE WITH THE CITY OF PHOENIX
- 8. THIS SET OF PLANS HAS BEEN INITIALLY REVIEWED BY THE CITY OF PHOENIX. SUCH REVIEW IS PART OF THE PROCESS THAT DEVELOPER(S)/CONTRACTOR(S)
  MUST GO THROUGH IN ORDER TO OBTAIN A CONSTRUCTION PERMIT. THE RESULTS OF SUCH INITIAL REVIEW SHALL NOT DICTATE THE CITY OF PHOENIX'S FINAL DETERMINATION AS TO THE ACCEPTABILITY OF THE PLANS, NOT SHALL IT PREVENT THE CITY OF PHOENIX FROM REQUIRING ERRORS AND OMISSIONS, AS FOUND ON PLANS, BE ADDRESSED BY DEVELOPER(S)/CONTRACTOR(S), WHERE SUCH ERRORS AND OMISSIONS CAUSE THE PLANS TO BE IN VIOLATION OF OR INADEQUATE UNDER APPLICABLE FEDERAL/STATE/COUNTY/LOCAL CODES, ORDINANCES, REGULATIONS, OR OTHER LAWS. THIS REVIEWED AND STAMPED SET OF PLANS MUST BE KEPT AT THE CONSTRUCTION SITE AT ALL TIMES.
- 9. PIPE DEFLECTION SHALL BE PER MANUFACTURERS' RECOMMENDATIONS.
- 10. ALL WORK MUST COMPLY WITH REQUIREMENTS OF THE CURRENT CITY OF PHOENIX "TRAFFIC BARRICADE MANUAL"
- 11. THE CONTRACTOR IS TO NOTIFY THE PUBLIC THAT WILL BE AFFECTED BY THE SHUTDOWNS A MINIMUM OF 48 HOURS IN ADVANCE.
- 12. A SIX (6) FOOT MINIMUM HORIZONTAL SEPARATION FROM ANY UNDERGROUND UTILITY CROSSING SHALL BE PROVIDED FOR SEWER MAINS, SEWER SERVICES, WATER MAINS, AND WATER SERVICES. THE MINIMUM HORIZONTAL SEPARATION IS MEASURED FROM OUTSIDE OF SEWER MAIN, SEWER SERVICE, WATER MAIN, OR WATER SERVICE TO OUTSIDE OF UNDERGROUND UTILITY.
- 13. A ONE (1) FOOT MINIMUM VERTICAL SEPARATION FROM ANY UNDERGROUND UTILITY CROSSING SHALL BE PROVIDED FOR SEWER MAINS, SEWER SERVICES, WATER MAINS AND WATER SERVICES, THE MINIMUM VERTICAL SEPARATION IS MEASURED FROM OUTSIDE OF SEWER MAIN, SEWER SERVICE, WATER MAIN, OR WATER SERVICE TO OUTSIDE OF DRY UNDERGROUND UTILITY.
- 14. A TWO (2) FOOT MINIMUM VERTICAL SEPARATION SHALL BE PROVIDED BETWEEN ANY SEWER MAIN AND STORM DRAIN CROSSING A WATER MAIN. THE MINIMUM VERTICAL SEPARATION IS MEASURED FROM OUTSIDE OF WATER MAIN TO OUTSIDE OF SEWER MAIN OR STORM DRAIN MAIN. SEE MAG STANDARD DETAIL 404 FOR
- 15. EXCEPTIONS OR DEVIATIONS FROM THE ABOVE MINIMUM CLEARANCES MUST BE APPROVED AND SHOWN ON THE APPROVED WATER AND SEWER PLANS. WHEN UTILITY CONFLICTS ARE FOUND DURING CONSTRUCTION, ALL CHANGES AND REVISIONS MUST BE PRECEDED BY AN APPROVED PLAN REVISION.
- 16. ANY AND ALL MORE STRINGENT REQUIREMENTS REQUIRED BY FEDERAL, STATE, COUNTY, OR LOCAL CODES OR ORDINANCES TAKE PRECEDENCE.
- 17. WATER SERVICES SHALL BE INSTALLED PERPENDICULAR TO THE WATER MAIN. WATER SERVICES AT THE END OF CUL-DE-SACS MAY VARY AS NECESSARY, BUT WILL APPROVED ON A CASE BY CASE BASIS.
- 18. ALL SERVICES SHALL RUN IN A STRAIGHT LINE FROM THE WATER MAIN TO THE
- 19. NEITHER WATER SERVICE METER BOX NOR ANY PORTION OF A WATER SERVICE HALL BE INSTALLED UNDER AN EXISTING OR PROPOSED DRIVEWAY OR SIDEWALK
- 20. CONCRETE OR ASPHALT DAMAGED DURING THE COURSE OF CONSTRUCTION SHALL BE REMOVED AND REPLACED IN KIND PRIOR TO FINAL INSPECTION.
- 21. RECORD DRAWING SUBMITTALS MUST COMPLY PER THE WATER SERVICES DEPARTMENT ENGINEERING POLICY P-68. A COPY OF THE POLICY CAN BE OBTAINED IN THE DEPARTMENT'S WEBSITE: HTTP://PHOENIX.GOV/WATERSERVICES/DESIGN/ENGPOLICIES/INDEX.HTML
- 22. IN ACCORDANCE WITH AAC R-18-4-213. ALL MATERIALS ADDED AFTER JANUARY 1, 1993 WHICH MAY COME INTO CONTACT WITH DRINKING WATER SHALL CONFORM TO NATIONAL SANITATION FOUNDATION STANDARDS 60 AND 61.

#### WATER GENERAL NOTES (CONT.)

- 23. PER CITY OF PHOENIX ORDINANCE G-4396, THESE PLANS ARE FOR OFFICIAL USE ONLY AND MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED FOR THE CONSTRUCTION OF THE PUBLIC WORKS FACILITIES SHOWN HEREON. THE PROJECT OWNER, AND THE OWNER'S LENDERS, CONSULTANTS, CONTRACTORS AND SUBCONTRACTORS ARE PROHIBITED FROM DISCLOSING THE PLANS AND SPECIFICATIONS TO ANY PERSONS OTHER THAN THOSE WHO HAVE A NEED TO KNOW THE INFORMATION FOR THE PURPOSE OF THE PROJECT.
- 24. A PAVEMENT CUT SURCHARGE SHALL BE ASSESSED ON THIS PROJECT FOR ANY TRENCHING OR POTHOLING IN NEW ASPHALT PAVEMENT THAT IS LESS THAN 30 MONTHS OLD. SURCHARGE FEES ASSESSED ARE IN ADDITION TO THE REGULAR PERMIT FEES AND ARE OVER AND ABOVE ANY SPECIAL BACKFILL, COMPACTION, AND PAVEMENT REPLACEMENT STIPULATIONS THAT MAY BE IMPOSED AS A CONDITION OF PERMITTING, PAVEMENT CUT SURCHARGE FEES ARE ASSESSED IN ACCORDANCE WITH SECTION 31-38 OF THE PHOENIX CITY CODE.
- 25. PLAN APPROVAL IS VALID FOR 180 DAYS. PRIOR TO PLAN APPROVAL EXPIRATION, ALL ASSOCIATED PERMITS SHALL BE PURCHASED OR THE PLANS SHALL BE RESUBMITTED FOR EXTENSION OF PLAN APPROVAL. THE EXPIRATION, EXTENSION, AND REINSTATEMENT OF CIVIL ENGINEERING PLANS AND PERMITS SHALL FOLLOW THE SAME GUIDELINES AS THOSE INDICATED IN THE PHOENIX BUILDING CONSTRUCTION CODE ADMINISTRATIVE PROVISIONS SECTION 105.3 FOR BUILDING DEPLIES.
- 26. NEED TO PROVIDE POTHOLE DATA FOR THE EXISTING 54-INCH PCCP VERTICAL CLEARANCE VIA SOFT DIG METHODS.
- 27. THE PROPOSED CONDUIT CROSSES THE 54-INCH PRESTRESSED CONCRETE

THE 54-INCH WATER LINE IS SENSITIVE AND CRITICAL TO THE CITY OF PHOENIX; THE FOLLOWING ARE A LIST OF REQUIREMENTS FOR DIGGING NEAR/AROUND OUR

WHEN POTHOLES ARE PERFORMED AND TRENCHING OVER THE WATERLINE, USE A SOFT-DIG METHOD. A MINIMUM OF FOUR FEET OF VERTICAL SEPARATION, BETWEEN THE OUTSIDE DIAMETER OF PIPE AND CONCRETE CASING IS REQUIRED, WITH A MAXIMUM OF 6 INCH CONCRETE ENCASEMENT AROUND UTILITY LINES.

THIS PIPE WAS DESIGNED AND CALCULATED WITH A PORTION OF SOILS OUTSIDE PROVIDING SUPPORT AND STRENGTH TO THE PIPE. IF THIS ZONE IS DISTURBED THEN THE PIPE WILL LOSE INTEGRITY, ALL PARALLEL UTILITIES OR STRUCTURES MUST MAINTAIN A 10 FEET HORIZONTAL DISTANCE FROM THE OUTSIDE DIAMETER

DO NOT ADD ADDITIONAL LOADS (EMBANKMENT/FILL/SPOILS) ABOVE THE MAIN OR PLACE HEAVY EQUIPMENT (CRANES, LARGE EXCAVATORS, SCRAPERS, ETC.)
OVER THE PIPE BECAUSE THIS MAY OVERBURDEN THE PIPE, PARTICULARLY IN
NON-PAVED AREAS, IF POSSIBLE, THE PIPE ALIGNMENT SHOULD BE ROPED OFF TO PREVENT ACCESS IN THE CONSTRUCTION ZONE.



TR	A	1201 E. Jef		t,
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Phoenix, AZ 85034

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WATER GENERAL NOTES

CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

THOMAS ROAD & INDIAN SCHOOL **ROAD INTERSECTIONS** ST89340584

DR: SD	DES: GS	CK: CJ	SHEET	
DATE:03/23	DATE: 03/23	DATE: 03/23	NO:	SHEETS
SCALE: N/A			3	31

RAMP AND SIGNAL IMPROVEMENTS: PHOENIX STREET - MARICOPA CO. THOMAS RD & INDIAN SCHOOL RD



	F.H.W.A. REGION	STATE	PROJ. NO.	NO.	TOTAL
,	9	ARIZ.	ST89340584	4	31

1201 E. Jefferson St. Suite 3 Phoenix, AZ 85034

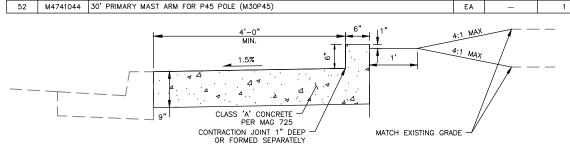
DATE: 03/23

#### APPROXIMATE PROJECT QUANTITIES

ITEM	BID NO.	DESCRIPTION	UNIT	51ST & INDIAN SCHOOL	67TH & INDIAN SCHOOL	71ST & THOMAS	75TH & THOMAS	QUANTIT
1	E699200	ALLOWANCE FOR STORMWATER POLLUTION PREVENTION BEST MANAGEMENT PRACTICE (BMP'S)	JOB	-	_	_	_	1
2	M1042006	ALLOWANCE FOR UNFORESEEN CONDITIONS	JOB	_	_	_	_	1
3	M1058001	CONSTRUCTION SURVEYING AND LAYOUT	LS	_	_	_	_	1
4	M3360120	ASPHALT CONCRETE FOR PERMANENT PAVEMENT REPLACEMENT, TYPE D-1/2, 2" THICK	SY	124	62	95	94	375
5	м3360260	ASPHALT CONCRETE FOR PERMANENT PAVEMENT REPLACEMENT, TYPE C-3/4, 6" THICK	SY	124	62	95	94	375
6	M3370103	CRACK SEAL AND MICROSEAL	SY	3483	2890	2484	3874	12,73
7	M3400000	CONSTRUCT CONCRETE MEDIAN NOSE TRANSITION PER MAG STD DTL 223	SF	86	_	138	95	319
8	M3400400	CONSTRUCT CONCRETE SIDEWALK PER COP STD DTL P1230 (4" THICK)	SF	96	_	_	51	147
9	M3400409	CONSTRUCT CONCRETE SIDEWALK PER COP STD DTL P1230 MODIFIED (9" THICK), CLASS A CONCRETE	SF	164	409	247	140	960
10	M3400415	TRUNCATED DOMES FOR SIDEWALK RAMPS, PER COP STD. DTL. P1232	SF	84	88	96	89	357
11	M3400488A	CONCRETE CURB RAMP, (9" THICK) (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 236-4, (9" THICK))	SF	502	874	1898	932	4206
12	M3400488B	CONCRETE CURB RAMP, (9" THICK) (CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 237-1, (9" THICK))	SF	1570	1268	_	1289	4127
13	M3402201	CONSTRUCT CONCRETE CURB AND GUTTER PER MAG STD DTL 220-1, TYPE "A"	LF	217	241	260	236	954
14	M3402227	CONSTRUCT CONCRETE CURB AND GUTTER PER MAG STD DTL 220-1, TYPE "A" MODIFIED (FOR BUS BAYS)	LF	20	-	-	11	31
15	M3450040	ADJUST EXISTING GAS VALVE BOX AND COVER TO GRADE PER MAG 345	EA	_	1	_	_	1
16	M3453001	ADJUST EXISTING WATER VALVE FRAME AND COVER PER COP STD DTL P1391, TYPE 'A' ONLY	EA	1	2	_	_	3
17		REMOVE EXISTING CONCRETE CURB AND GUTTER	LF	237	241	260	247	985
18		REMOVE EXISTING CONCRETE SIDEWALK AND MEDIAN NOSE	SF	1884	1387	1903	1410	6,58
19		REMOVE EXISTING CONCRETE CATCH BASIN	EA	2	-	-	_	2
20		REMOVE EXISTING 6" WATER PIPE	LF	13		31	27	71
21		MISCELLANEOUS REMOVALS AND OTHER WORK	LS	_		_		1
22	M3500312 M3513110		LF	34	7	34	8	83
		1" PVC CONDUIT FOR TRAFFIC SIGNALS						+
23	M3513303	TRAFFIC SIGNAL CONDUCTORS	LS	-	_	_	_	1
24	M3515046	RELOCATE EXISTING ELECTRIC JUNCTION BOX	EA	4	_	_	_	4
25	M4011903	TRAFFIC CONTROL DEVICES	LS	_	_	_	_	1
26	M4013000	ALLOWANCE FOR UNIFORMED, OFF-DUTY LAW ENFORCEMENT OFFICER	JOB	_	_	_	_	1
27		REMOVE EXISTING IRRIGATION BOX AND REPLACE WITH NEW HEAVY DUTY BOX IN SIDEWALK	EA	_	_	3	_	3
28	M4711001	2" SCH 40 PVC CONDUIT	LF	9	38	75	75	198
29	M4711003	2 1/2" SCH 40 PVC CONDUIT	LF	1507	1443	1185	1811	5,94
30	M4712003	TRAFFIC SIGNAL, NO. 7 JUNCTION BOX	EA	4	4	4	4	16
31	M4722001A	FOUNDATION FOR TYPE BP POLE IN SIDEWALK	EA	2	_	_	1	3
32	M4722004A	FOUNDATION FOR TYPE AP POLE	EA	_	_	2	_	2
33	M4722007A	FOUNDATION FOR TYPE GP POLE	EA	2	1	1	2	6
34	M4722010A	FOUNDATION FOR TYPE LP POLE	EA	2	3	1	2	8
35	M4722013A	FOUNDATION FOR TYPE P45 POLE	EA	_	2	2	_	4
36	M4722016A	FOUNDATION FOR TYPE P70 POLE	EA	4	2	2	4	12
37	M4724002	FOUNDATION FOR BATTERY BACKUP POWER PEDESTAL TYPE B	EA	1	1	1	1	4
38	M4724004	FOUNDATION FOR CONTROLLER CABINET	EA	1	1	1	1	4
39	M4732002	APS PEDESTRIAN PUSH BUTTON	EA	8	8	8	8	32
40		REMOVE EXISTING LUMINAIRE AND MAST ARM AND DISPOSE (REMOVE EXISTING MAST ARM)	EA	4	4	4	4	16
41	M4791000	REMOVAL OF SIGNAL POLE	EA	9	7	7	10	33
42	M4733001	EVP DETECTOR AND CONFIRMATION LIGHT	EA	2	2	2	2	8
	M4741020			6	5	7	6	24
43		COP LUMINAIRE MAST ARM  E' DISCR WITH SINGLE LUMINAIRE MAST ADM SUGE	EA				· ·	
44		5' RISER WITH SINGLE LUMINAIRE MAST ARM SHOE	EA	5	6	4	5	20
45		20' RISER WITH SINGLE LUMINAIRE MAST ARM SHOE	EA	1	1	1	1	4
46		TYPE AP POLE - 20'	EA	-	_	2	_	2
47		TYPE BP POLE - 4'	EA	2	_	_	1	3
48		TYPE GP POLE (TYPE GP POLE WITH LUMINAIRE ARM)	EA	2	1 -	1	2	6
49		TYPE LP POLE	EA	2	3	1	2	8
50		TYPE P45 POLE	EA	_	2	2		4
51		TYPE P70 POLE	EA	4	2	2	4	12
52	M4741044	30' PRIMARY MAST ARM FOR P45 POLE (M30P45)	FA	l	1 1	2	1	1

				,				
ITEM	BID NO.	DESCRIPTION	UNIT	51ST & INDIAN SCHOOL	67TH & INDIAN SCHOOL	71ST & THOMAS	75TH & THOMAS	QUANTITY
53	M4741047	40' PRIMARY MAST ARM FOR P70 POLE (M40P70)	EA	1	2	1	-	4
54	M4741048	55' PRIMARY MAST ARM FOR P70 POLE (M55P70)	EA	3	1	1	4	9
55	M4741050	5' MAST ARM EXTENSION FOR P45/P70 POLE	EA	2	3	2	3	10
56	M4741051	10' MAST ARM EXTENSION FOR P45/P70 POLE	EA	1	1	1	1	4
57	M4741053	DAMPER	EA	4	4	4	4	16
58	M4751002	TYPE 'B' ELECTRICAL POWER SERVICE PEDESTAL	EA	1	1	1	1	4
59	M4751003	TRAFFIC SIGNAL CONTROLLER CABINET	EA	1	1	1	1	4
60	M4761001	TYPE F- 3 SECTION 12" SIGNAL HEAD	EA	4	4	4	4	16
61	M4761002	TYPE F1- 3 SECTION 12" SIGNAL HEAD	EA	10	11	10	12	43
62	M4761009	PEDESTRIAN HEAD, LED	EA	8	8	8	8	32
63	M4761012	TYPE FA- 4 SECTION 12" SIGNAL HEAD	EA	4	4	4	4	16
64	M4761013	TYPE FA1- 4 SECTION 12" SIGNAL HEAD	EA	4	4	4	4	16
65	M4771001	LED TRAFFIC SIGNAL LUMINAIRE	EA	8	8	6	8	30
66	M4793001A	REMOVAL OF FOUNDATIONS (REMOVE EXISTING 'A' POLE FOUNDATION, FULL DEPTH, PER COP TRAFFIC SPEC 479.2.4)	EA	7	4	4	8	23
67	M4793001B	REMOVAL OF FOUNDATIONS (REMOVE EXISTING FOUNDATION A MINIMUM OF 10" BELOW FINISHED GRADE PER COP TRAFFIC SPEC 479.2.4)	EA	2	2	3	2	9
68	M4793001C	REMOVAL OF FOUNDATIONS (REMOVE EXISTING FOUNDATION, FULL DEPTH, PER COP TRAFFIC SPEC 479.2.4)	EA	-	1	-	_	1
69	M4794001	MISCELLANEOUS REMOVAL OF INCIDENTAL TRAFFIC ITEMS	LS	_	_	_	_	1
70	M5051508	CONCRETE CATCH BASIN, TYPE "H", DOUBLE GRATE, M.A.G. DETAIL 538 AND 539 (CONSTRUCT CONCRETE CATCH BASIN TYPE 'H' (SINGLE GRATE PER MAG STD DTL 538)	EA	1	_	-	-	1
71	M5051565	CONCRETE CATCH BASIN, TYPE "N, SINGLE", PHX. SUPP. DETAIL P-1570	EA	1	_	_	_	1
72	M6101850	ALLOWANCE FOR EXCESS DUCTILE IRON FITTINGS, FURNISH AND INSTALL	JOB	_	_	_	_	1
73	M6104400	WATER LINE CUT-OUT PER COP STD DTL P1344	EA	1	_	1	1	3
74	м6105006	FURNISH AND INSTALL NEW 6" DUCTILE IRON PIPE AND FITTINGS PER COP SUPPLEMENT TO MAG SPEC SECTION	LF	15	5	33	26	79
75	M6106000A	REMOVE EXISTING VALVE, BOX, AND COVER, BACKFILL WITH ABC, REPLACE PAVEMENT. DELIVER SALVAGED ITEMS TO WATER YARD (REMOVE EXISTING WATER VALVE, BOX AND COVER)	EA	1	_	1	1	3
76	M6106003	REMOVE EXISTING FIRE HYDRANT AND SALVAGE TO CITY OF PHOENIX	EA	2	1	1	2	6
77	M6108014A	FIRE HYDRANT ASSEMBLY, 6" GATE VALVE, VALVE BOX & COVER, TYPE "A", FURNISH AND INSTALL (INSTALL NEW FIRE HYDRANT PER COP STD DTLS P1360 & P1362)	EA	2	1	1	2	6
78	M6180024	INSTALL NEW 24" RGRCP CLASS III STORM DRAIN	LF	8	_	_	_	8
79	M6180506	CONCRETE PIPE COLLAR FOR 24" PIPE AND LARGER, COP STANDARD DTAIL P-1505	EA	1	-	_	-	1
80	M6304025	FURNISH & INSTALL 8"X6" TAPPING SLEEVE & VALVE, BOX & COVER	EA	1	_	1	1	3
81	M6309065	DEBRIS CAP, INCLUDING LOCATOR COIL, INSTALL	EA	5	4	3	3	15
82	M9001002	20"x8' DOUBLE-SIDED ILLUMINATED STREET SIGN	EA	2	2	4	4	12
83	M9003002	36"vg" DOUBLE_SIDED HILLIMINATED STREET SICK	FΔ	2	2			4

APPROXIMATE PROJECT QUANTITIES (CONTINUED)



SECTION A-A

2" AC (D-1/2) -3" AC (C-3/4) TACK COAT (NPI) TACK COAT (NPI) 3" AC (C-3/4) 100% COMPACTED -SUBGRADE PER MAG 301

83 M9003002 36"x8' DOUBLE-SIDED ILLUMINATED STREET SIGN

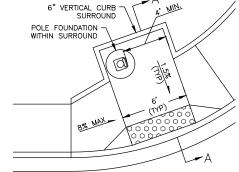
85 M4733004 NON-INTRUSIVE DETECTION SYSTEM FOR 4-LEGGED INTERSECTION

84 M9011001 WIRELESS NETWORK RADIO

86 M9021001 PTZ CCTV CAMERA

STRUCTURAL SECTION NO. 1

(USE FOR BIDDING PURPOSES ONLY, MATCH EXISTING PAVEMENT SECTION FOR CONSTRUCTION)



SCALE: NTS

"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX."

#### **QUANTITY SUMMARY & DETAILS**

CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

THOMAS ROAD & INDIAN SCHOOL ROAD INTERSECTIONS

R: SD	DES: GS	CK: CJ	SHEET	TOTAL	
ATE:03/23	DATE: 03/23	DATE: 03/23	NO:	SHEETS	
SCALE: N/A			4	31	

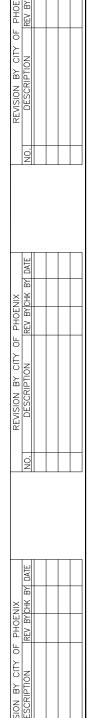
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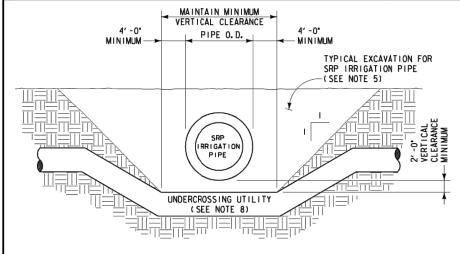
EA

ST89340584 RAMP DETAIL NO. 1

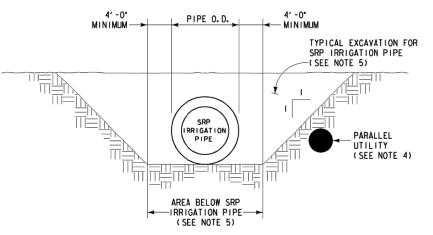
RAMP AND SIGNAL IMPROVEMENTS



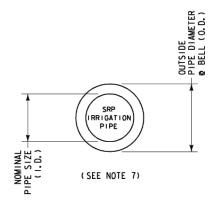
#### PHOENIX STREET - MARICOPA CO. THOMAS RD & INDIAN SCHOOL RD



### PIPELINE - UNDERCROSSING



### PIPELINE - PARALLEL UTILITY

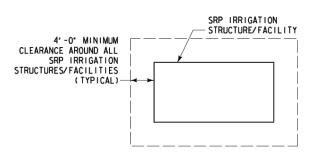


NOMINAL PIPE SIZE (I.D.)	OUTSIDE PIPE DIAMETER AT BELL (O.D.)
24'	37*
30"	45"
36'	53*
42"	60"
48"	68*
54"	75*
60"	82*
66'	89*
72"	91.

### OUTSIDE DIAMETER SRP IRRIGATION PIPE

#### NOTES

- I. OVERCROSSINGS OF SRP IRRIGATION PIPE ARE REVIEWED ON A CASE-BY-CASE BASIS. EXCEPT FOR THOSE CASES SPECIFICALLY IDENTIFIED BELOW, OVERCROSSINGS ARE TYPICALLY NOT ALLOWED.
- 2. MAINTAIN MINIMUM 12' CLEARANCE BETWEEN SRP IRRIGATION PIPE AND OVERCROSSING ELECTRICAL CABLE/CONDUIT ( 1 DIA, OR LESS).
- 3. MAINTAIN MINIMUM 12' CLEARANCE BETWEEN SRP IRRIGATION PIPE AND CLOSEST POINT OF OVERCROSSING SCUPPER. SCUPPER SHALL CONFORM TO MAG STANDARD DETAIL 203 OR 206.
- 4. UTILITIES PARALLEL TO SRP IRRIGATION PIPE ARE REVIEWED ON A CASE-BY-CASE BASIS. LOCATE PARALLEL UTILITY OUTSIDE OF AREA SRP EXCAVATES WHEN MAINTAINING IRRIGATION PIPE, OR 4'-0 BEYOND THE SIDE OF THE OUTSIDE BELL DIAMETER OF THE SRP IRRIGATION PIPE, WHICHEVER IS GREATER, TYPICAL EXCAVATION INCLUDES AREA ABOVE AND TO EACH SIDE OF SRP IRRIGATION PIPE. SIDE EXCAVATION INCLUDES AREA ABOVE A LINE EXTENDING UPWARD AND OUTWARD AT A ONE-TO-ONE SLOPE FROM A POINT LEVEL WITH THE BOTTOM OF AND 4' -0" BEYOND THE SIDE OF THE OUTSIDE BELL DIAMETER OF THE SRP IRRIGATION PIPE.
- 5. OTHER UTILITIES NOT PERMITTED IN THESE AREAS.
- 6. CLEARANCE IS MEASURED FROM OUTSIDE BELL DIAMETER OF SRP IRRIGATION PIPE, OUTSIDE BELL DIAMETER IS SIGNIFICANTLY LARGER THAN NOMINAL PIPE SIZE (INSIDE DIAMETER) NOTED ON PLAN/PROFILE DRAWINGS. SEE TABLE FOR NOMINAL PIPE SIZES AND OUTSIDE BELL DIAMETERS.
- 7. SPECIFIED CLEARANCES ARE FOR USE WITH RUBBER GASKETED REINFORCED CONCRETE PIPE (RGRCP) UP TO AND INCLUDING 72" NOMINAL PIPE SIZE, GREATER CLEARANCE OR REPLACEMENT IS REQUIRED FOR LARGER DIAMETER RGRCP, CAST-IN-PLACE PIPE (CIPP) AND NON-REINFORCED CONCRETE PIPE.
- 8. ASSURE CONTINUOUS SUPPORT AND PROTECTION OF SRP IRRIGATION PIPE. DAMAGE TO SEP IRRIGATION PIPE/SYSTEM WILL BE REPAIRED BY SRP. ALL DIRECT AND INDIRECT COSTS SHALL BE BORNE BY OTHER UTILITY/LICENSEE.
- TRENCH BACKFILL COMPACTION SHALL BE MARICOPA ASSOCIATION OF GOVERNMENTS (MAG) TYPE I OR TYPE III, EXCEPT THAT 95 % COMPACTION SHALL BE REQUIRED FROM 1' -0" ABOVE TOP OF PIPE TO BOTTOM OF TRENCH, WATER CONSOLIDATION IS NOT PERMITTED
- IO. COMPLY WITH MAG UNIFORM STANDARD SPECIFICATIONS AND STANDARD DETAILS UNLESS OTHERWISE NOTED IN PROJECT SPECIFIC SRP DOCUMENTS. MOST STRINGENT REQUIREMENTS SHALL APPLY UNLESS SPECIFICALLY NOTED OTHERWISE IN SRP DOCUMENTS.
- II. COMPLY WITH ALL APPLICABLE STATUTES, ORDINANCES AND REGULATIONS INCLUDING BLUE STAKE LAW (A.R.S. SEC. 40-360-21
- 12. THESE GUIDELINES ARE PROVIDED AS A GENERAL AID TO PLANNING. ACTUAL SRP REQUIREMENTS MAY VARY BASED ON SITE-SPECIFIC CONDITIONS, OPERATIONAL CONSIDERATIONS, ETC.
- 13. AN SRP LICENSE IS REQUIRED FOR UTILITIES CROSSING/PARALLEL TO SRP IRRIGATION PIPE IN SRP RIGHT-OF-WAY. SRP REQUIRES ENGINEER DESIGNED UTILITY CROSSING/LOCATION AND EXCAVATION
- 14. NOTIFY SRP INSPECTOR A MINIMUM OF 72 HOURS BEFORE STARTING CONSTRUCTION IN OR AROUND SRP IRRIGATION FACILITIES. AN IRRIGATION OUTAGE AGREEMENT MUST BE COMPLETED BY THE CONTRACTOR IF A DRY-UP OF ANY PART OF THE IRRIGATION SYSTEM WILL BE NECESSARY DURING CONSTRUCTION. ISSUANCE OF A LICENSE DOES NOT PROVIDE FOR A CONSTRUCTION DRY-UP.



IRRIGATION STRUCTURE/FACILITY **CLEARANCE** 

DETAIL PROVIDED BY SRP - FOR REFERENCE ONLY



TR	S U L	1201 E. Jer Suit Phoenix, A	e 3	
9	ARIZ.	ST89340584	5	31
REGION	STATE	PROJ. NO.	NO.	TOTAL

DATE: 03/23

DATE: 03/2



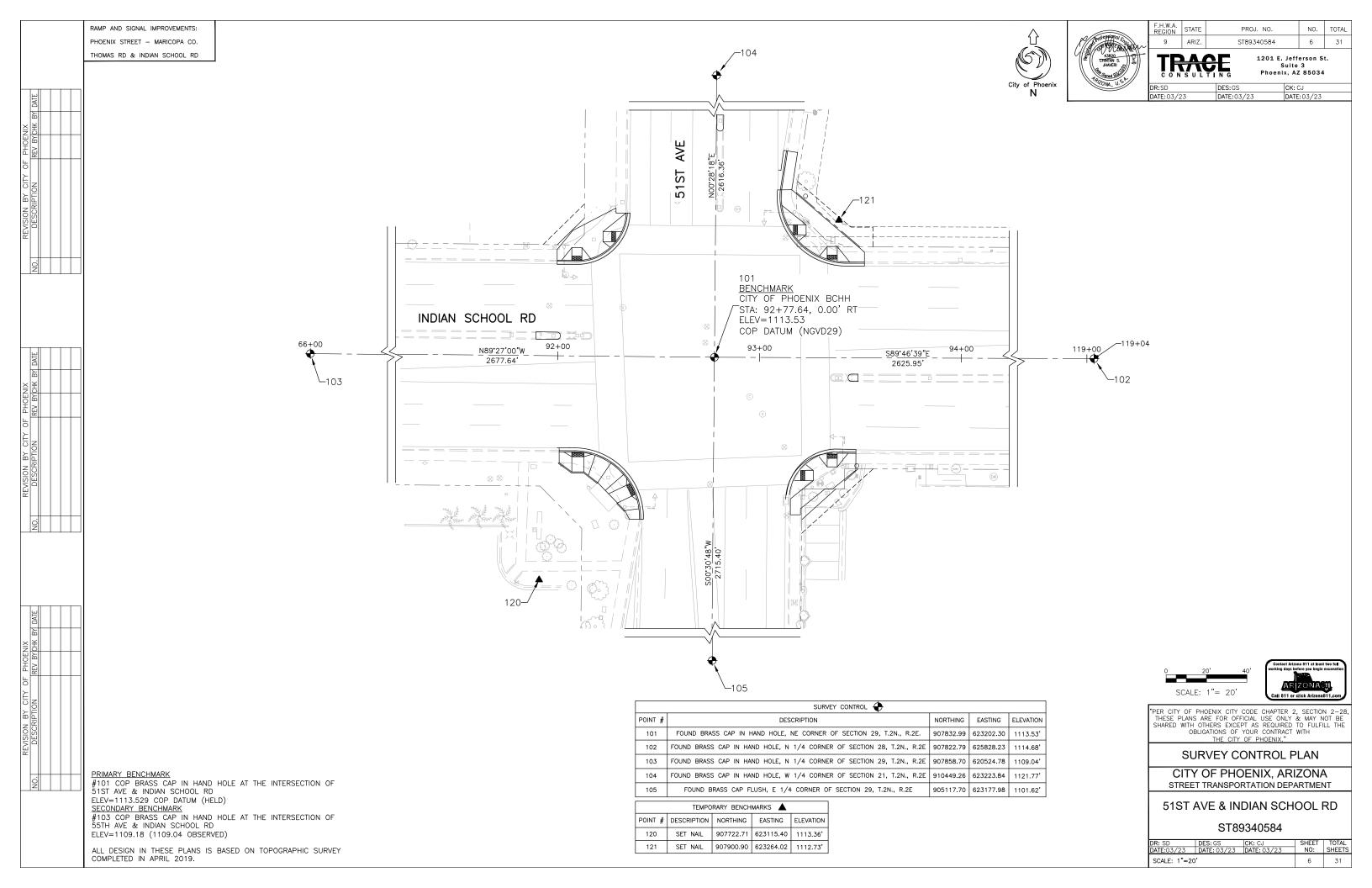
PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28 THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE OBLIGATIONS OF YOUR CONTRACT WITH THE CITY OF PHOENIX."

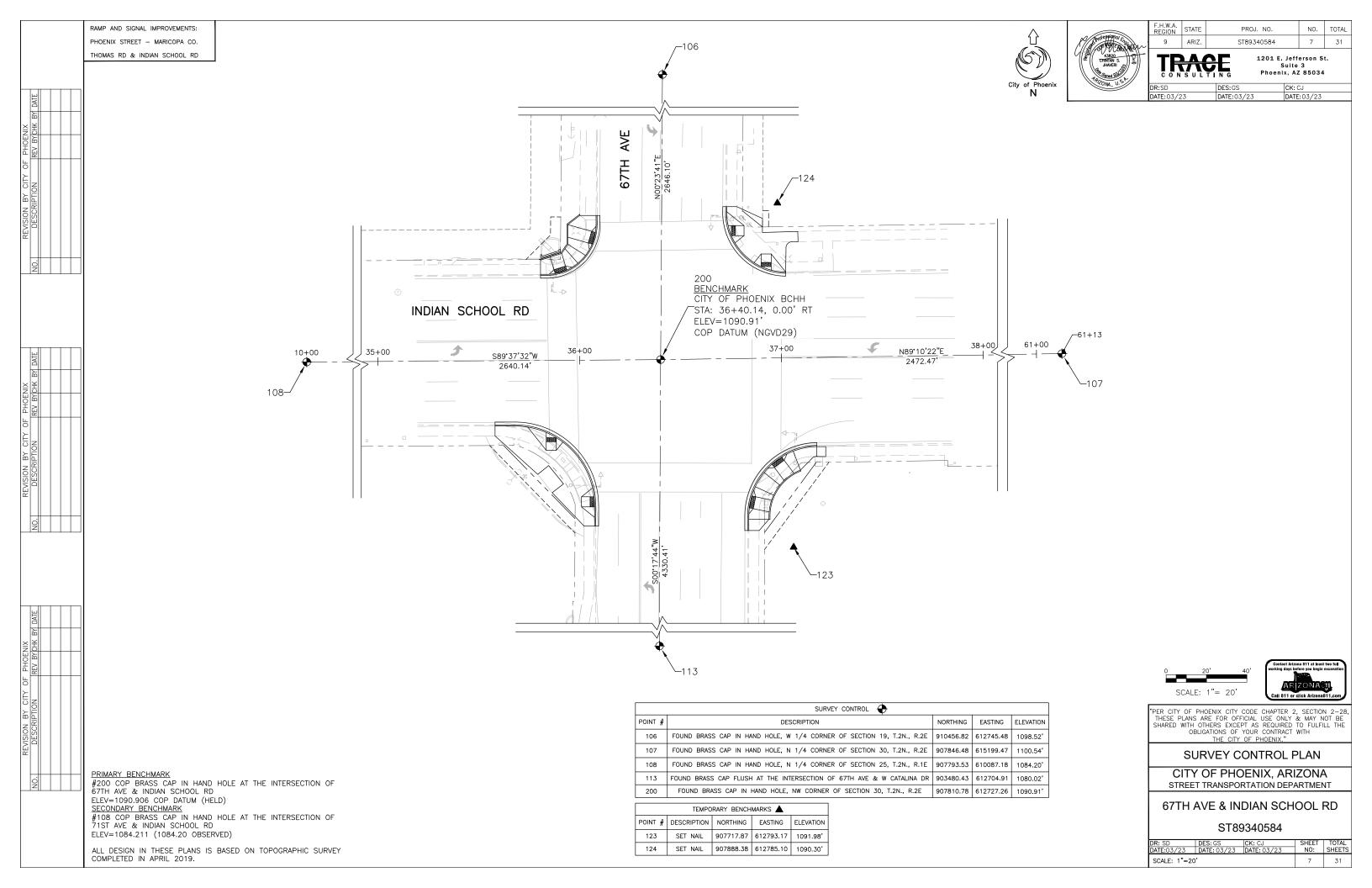
SRP UNDERCROSSING DETAIL

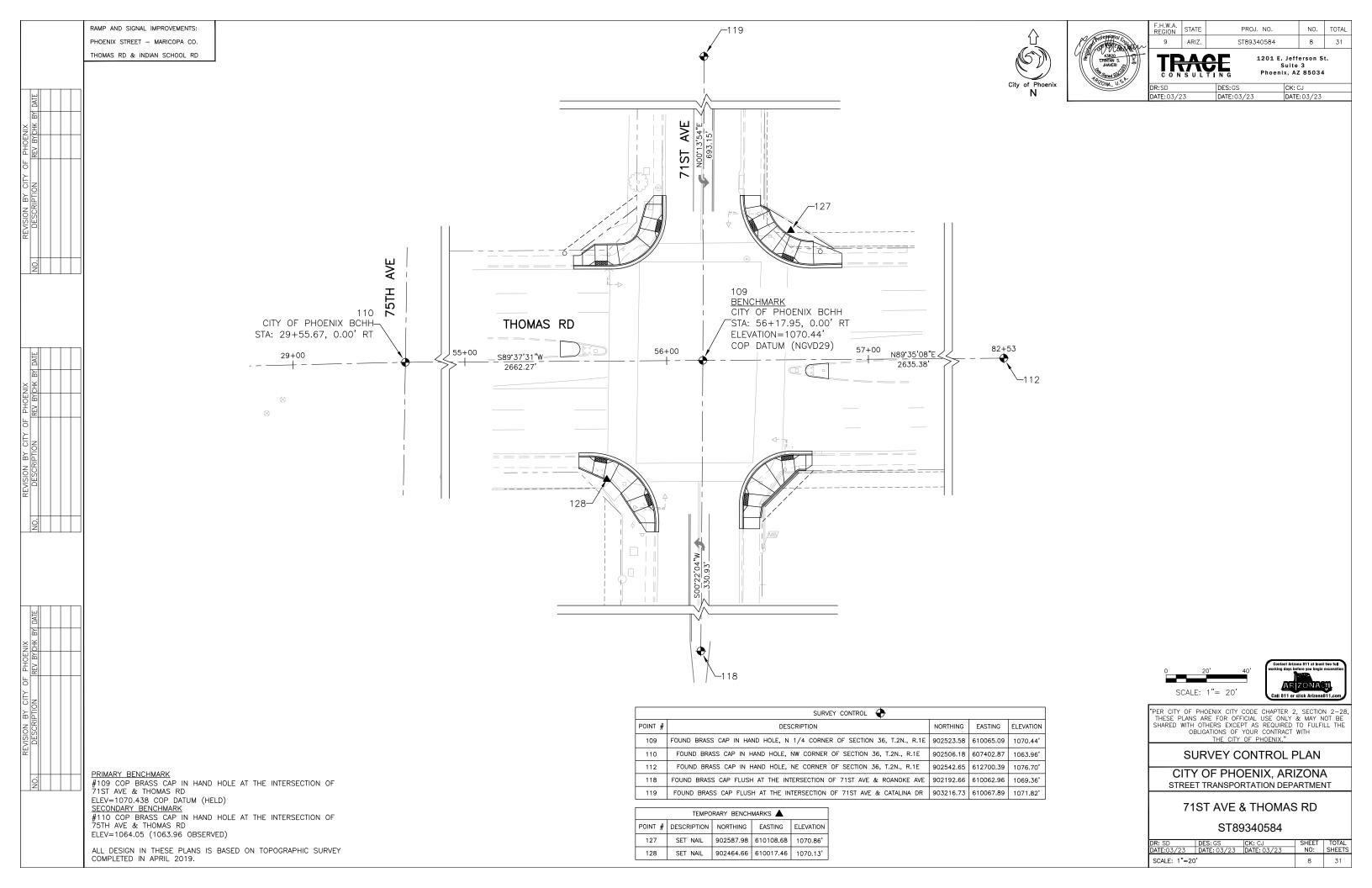
CITY OF PHOENIX. ARIZONA STREET TRANSPORTATION DEPARTMENT

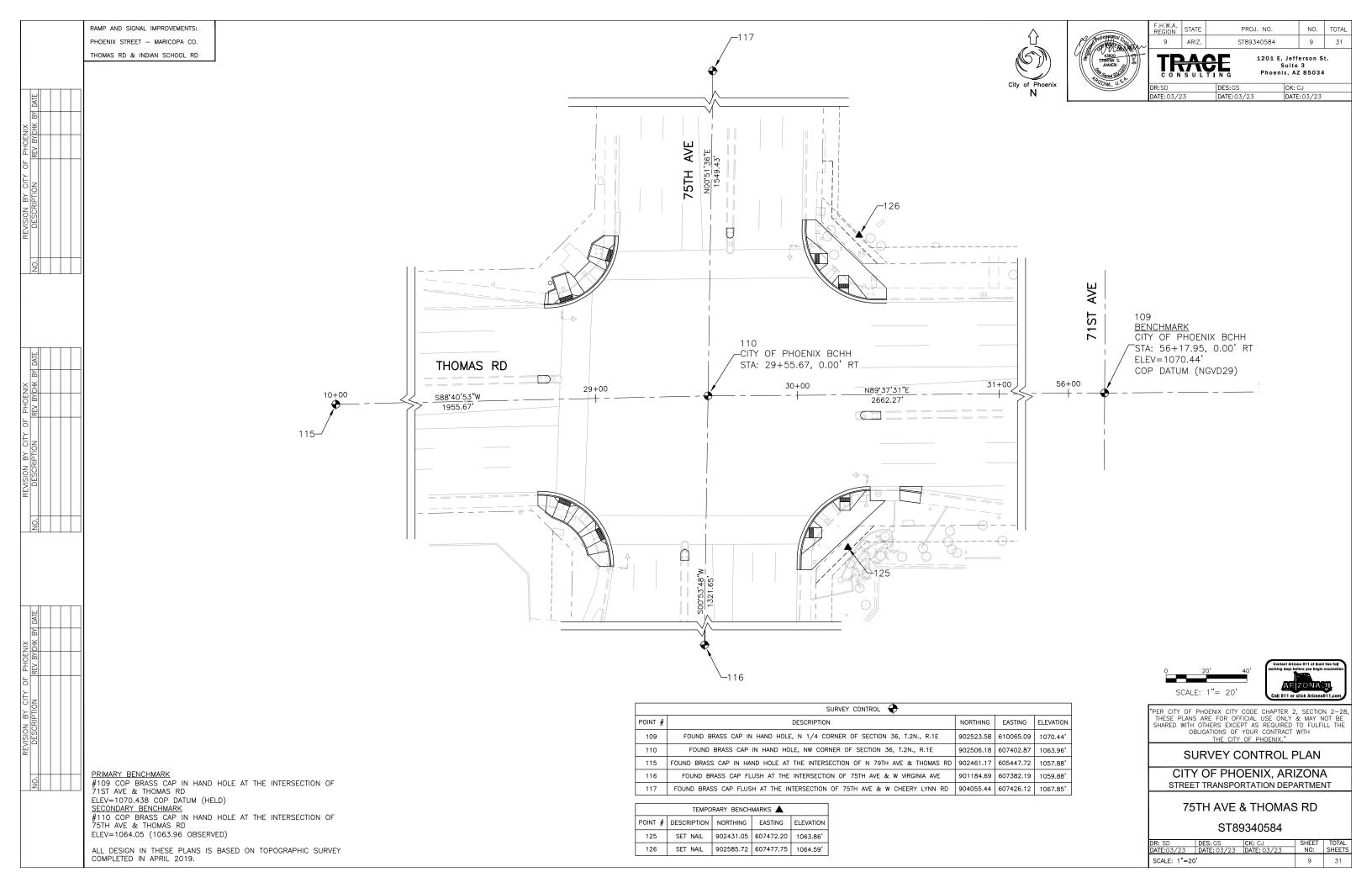
THOMAS ROAD & INDIAN SCHOOL **ROAD INTERSECTIONS** ST89340584

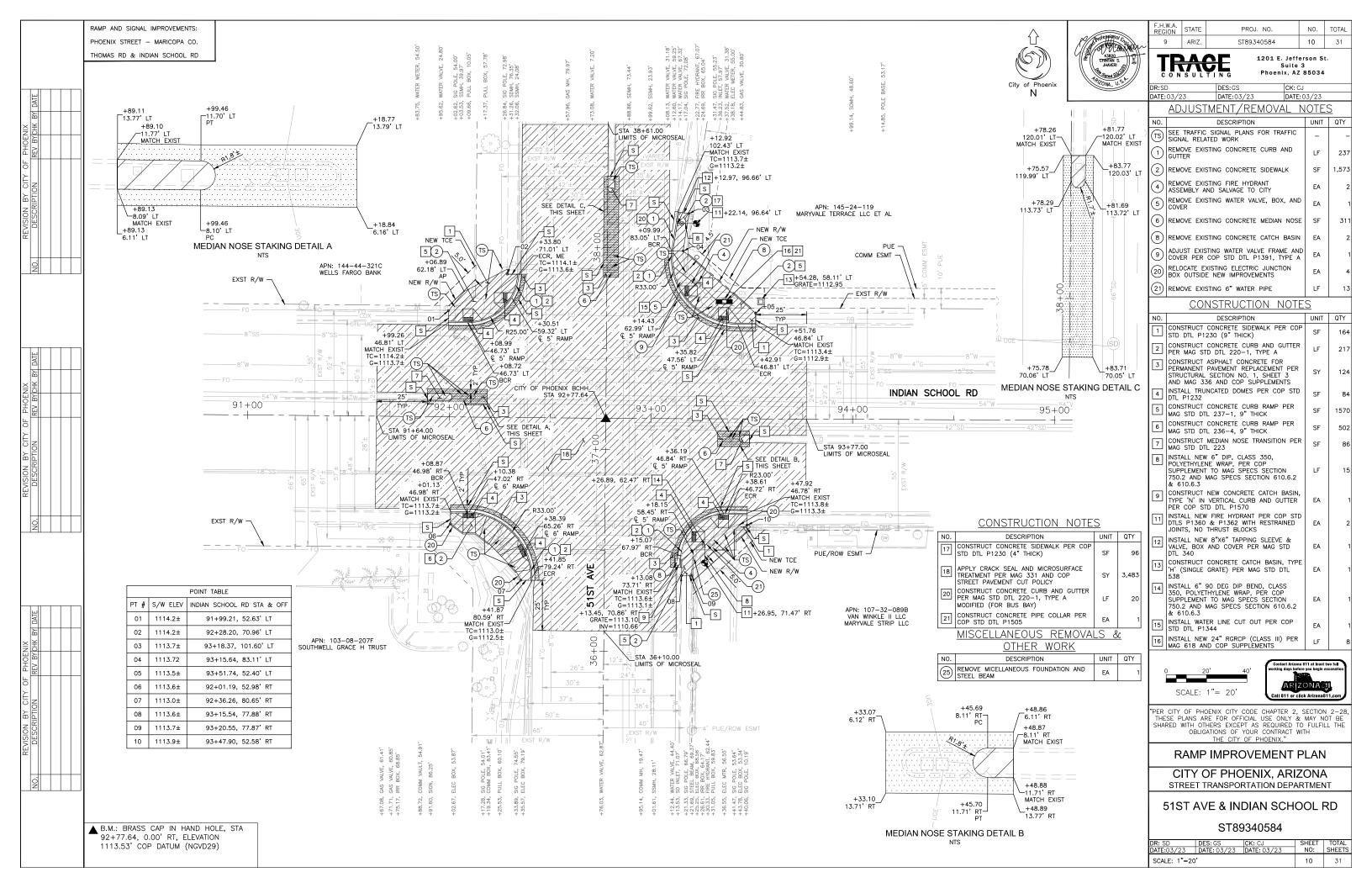
DR: SD	DES: GS	CK: CJ	SHEET	TOTAL
DATE:03/23	DATE: 03/23	DATE: 03/23	NO:	SHEETS
SCALE: N/A			5	31











RAMP AND SIGNAL IMPROVEMENTS: PHOENIX STREET - MARICOPA CO. THOMAS RD & INDIAN SCHOOL RD SIG POLE, SDMH, 44. SIGN, GAS ELEC +29.78, 3 +30.10, 0 +34.33, 1 +03.66, ⊨==10' S/W ESMT 75.32' LT +09.11 \_STA 54+31.00 LIMITS OF MICROSEAL ME | TC=1091.3± | G=1090.8± +73.39 71.64' LT TC=1091.2± APN: 144-42-003 DELAZ LLC S +80.51, 77.40' LT APN: 144-41-001 NASS PROPERTY LLC - NEW R/W 67.43' LT NEW TCE -- EXST R/W 15' IE, SE, SDE, & PUE PER DOCKET 3430, P. 186, M.C.R. +94.04 57.56' LT +09.05 +66.85' LT 13 +74.60 63.45' LT EXST R/W 6 2 11 +80.87 41.90' LT 7 MATCH EXIST / TC=1091.1± / G=1090.7± +91.23 43.19'LT +84.08 G=1090.3±4 / 42.14' LT <del>/</del> / ECR / +02.56 -41.91' LT BCR R25.00' +93.07 STA 35+33.00 LIMITS OF MICROSEAL CITY OF PHOENIX BCHH STA 36+40.142 38+00 INDIAN SCHOOL RD 35+00 STA 37+42.00 / / S R35.00' / +16.91 43.60' RT BCR, ME TC=1091.2± G=1090.7± +96.71 50.18' RT EXST R/W R40.00 EXST R/W +57.86 s 16-4 TS +82.95 71.07' RT & 6' RAMP 31.81' RT ME POINT TABLE TC=1090.8± 70.23' RT PT # S/W ELEV INDIAN SCHOOL RD STA & OFF 35+80.92, 49.72' LT 1091.0± 12 36+00.55, 71.70' LT 1091.4± NEW TCE 52 +82.14 77.95' RT ECR 13 1091.5± 36+78.97, 75.24' LT APN: 103-01-004E CHEVRON USA INC APN: 102-22-765 EK ONKAR LLC 14 NEW TCE -1091.7± 37+08.99, 62.50' LT +82.03 +07.44 82.23' RT 85.24' RT 19 15 1091.6± 37+09.05, 57.44' LT ME-TC=1090.6± G=1090.1± 16 1090.8± 35+57.82, 37.24' RT TC=1090.6± G=1090.1± 17 1090.7± 36+01.66, 82.19' RT \_STA 52+21.00 LIMITS OF MICROSEAL 1090.7± 36+87.74, 85.33' RT 19 1091.4± 37+21.22, 49.24' RT 1091.3± 37+21.33, 44.27' RT AVE **67TH** WATER SSMH. GAS V. WATE +80.41, +82.58, +85.32, +97.56, +97.55, +56.59, +62.06. +62.82, 35, 96, 50, A B.M.: BRASS CAP IN HAND HOLE, STA 36+40.14, 0.00' RT, ELEVATION 1090.91' COP DATUM (NGVD29)

F.H.W.A. REGION STATE PROJ. NO. NO. TOTAL
9 ARIZ. ST89340584 11 31

FRACE

1201 E. Jefferson St. Suite 3 Phoenix, AZ 85034

LUNIT | OTY

	DES:GS	CK: CJ
3/23	DATE: 03/23	DATE:03/23
	/	

	ADJUSTMENT/REMOVAL N	OTE:	<u>S</u>
10.	DESCRIPTION	UNIT	QTY
īs)	SEE TRAFFIC SIGNAL PLANS FOR TRAFFIC SIGNAL RELATED WORK	1	-
1	REMOVE EXISTING CONCRETE CURB AND GUTTER	LF	241
2	REMOVE EXISTING CONCRETE SIDEWALK	SF	1,387
4)	REMOVE EXISTING FIRE HYDRANT ASSEMBLY AND SALVAGE TO CITY	EA	1
9	ADJUST EXISTING WATER VALVE FRAME AND COVER PER COP STD DTL P1391, TYPE A	EA	2
12)	ADJUST EXISTING GAS VALVE BOX AND COVER TO GRADE PER MAG 345	EA	1
	CONCEDUCTION NOTE		

#### CONSTRUCTION NOTES

DESCRIPTION

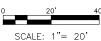
140.	DESCINI HON	01411	Q 11
1	CONSTRUCT CONCRETE SIDEWALK PER COP STD DTL P1230 (9" THICK)	SF	409
2	CONSTRUCT CONCRETE CURB AND GUTTER PER MAG STD DTL 220-1, TYPE A	LF	241
3	CONSTRUCT ASPHALT CONCRETE FOR PERMANENT PAVEMENT REPLACEMENT PER STRUCTURAL SECTION NO. 1, SHEET 3 AND MAG 336 AND COP SUPPLEMENTS	SY	63
4	INSTALL TRUNCATED DOMES PER COP STD DTL P1232	SF	88
5	CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 237-1, 9" THICK	SF	1268
6	CONSTRUCT CONCRETE CURB RAMP PER MAG STD DTL 236-4, 9" THICK	SF	874
8	INSTALL NEW 6" DIP, CLASS 350, POLYETHYLENE WRAP, PER COP SUPPLEMENT TO MAG SPECS SECTION 750.2 AND MAG SPECS SECTION 610.6.2 & 610.6.3	LF	5
11	INSTALL NEW FIRE HYDRANT PER COP STD DTLS P1360 & P1362 WITH RESTRAINED JOINTS, NO THRUST BLOCKS	EA	1
14	INSTALL 6" 90 DEG DIP BEND, CLASS 350, POLYETHYLENE WRAP, PER COP SUPPLEMENT TO MAG SPECS SECTION 750.2 AND MAG SPECS SECTION 610.6.2 & 610.6.3	EA	1
18	APPLY CRACK SEAL AND MICROSURFACE TREATMENT PER MAG 331 AND COP STREET PAVEMENT CUT POLICY	SY	2,890

# MISCELLANEOUS REMOVALS & OTHER WORK

NO.	DESCRIPTION	UNII	QIT	
	REMOVE PORTION OF EXISTING MASONRY WALL AND RECONSTRUCT AT BACK OF NEW CONCRETE. CONSTRUCTION OF NEW WALL, INCLUDING MATERIAL, COLOR, AND FINISH, TO MATCH IN KIND	EA	1	

### WORK BY OTHERS

NO.	DESCRIPTION	UNII	QIY
$(\Xi)$	RELOCATE EXISTING TELEPHONE RISER AND JUNCTION BOX	JOB	
22	RELOCATE EXISTING GAS LINE MARKER	EA	





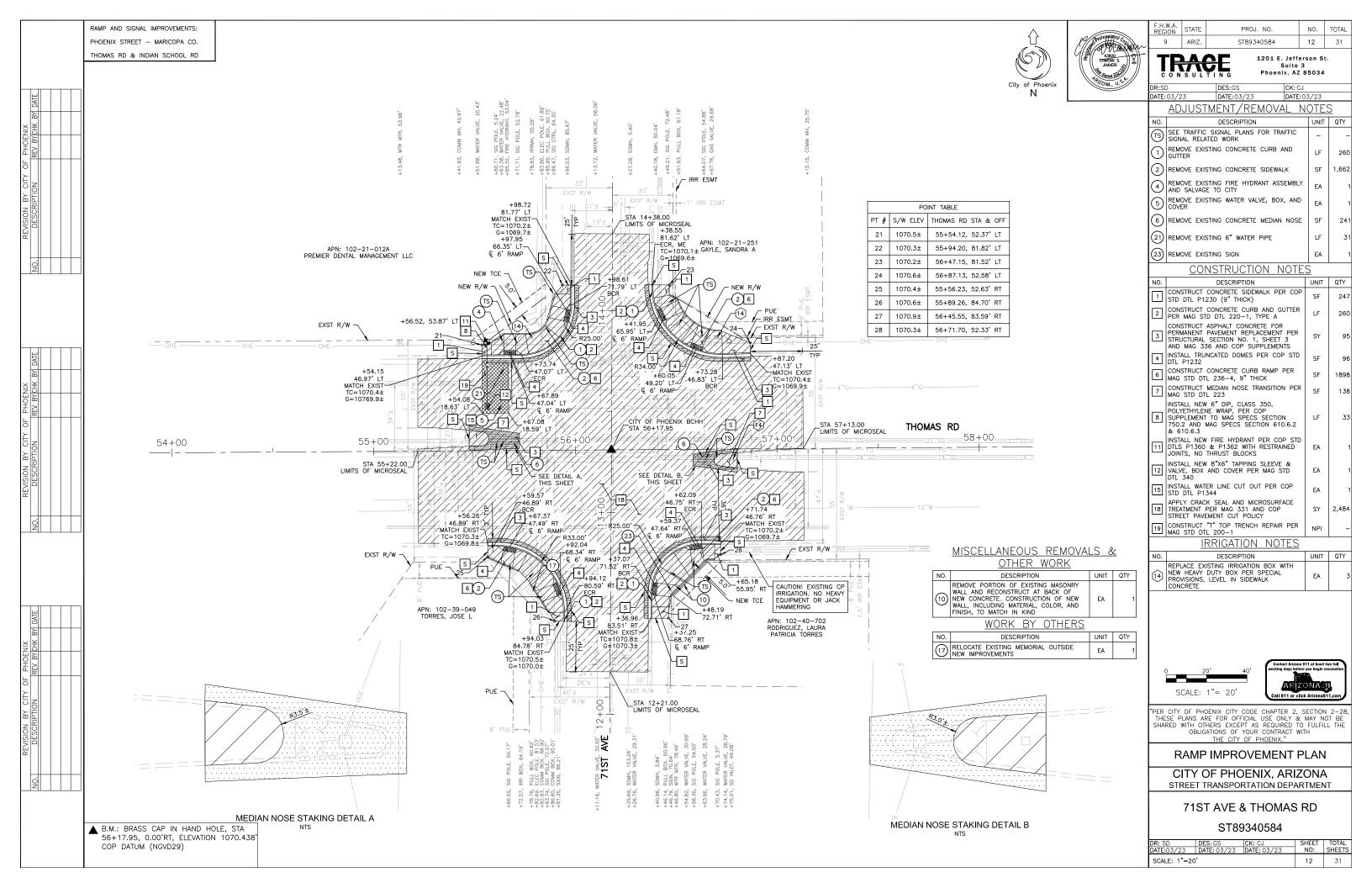
"PER CITY OF PHOENIX CITY CODE CHAPTER 2, SECTION 2-28,
THESE PLANS ARE FOR OFFICIAL USE ONLY & MAY NOT BE
SHARED WITH OTHERS EXCEPT AS REQUIRED TO FULFILL THE
OBLIGATIONS OF YOUR CONTRACT WITH
THE CITY OF PHOENIX."

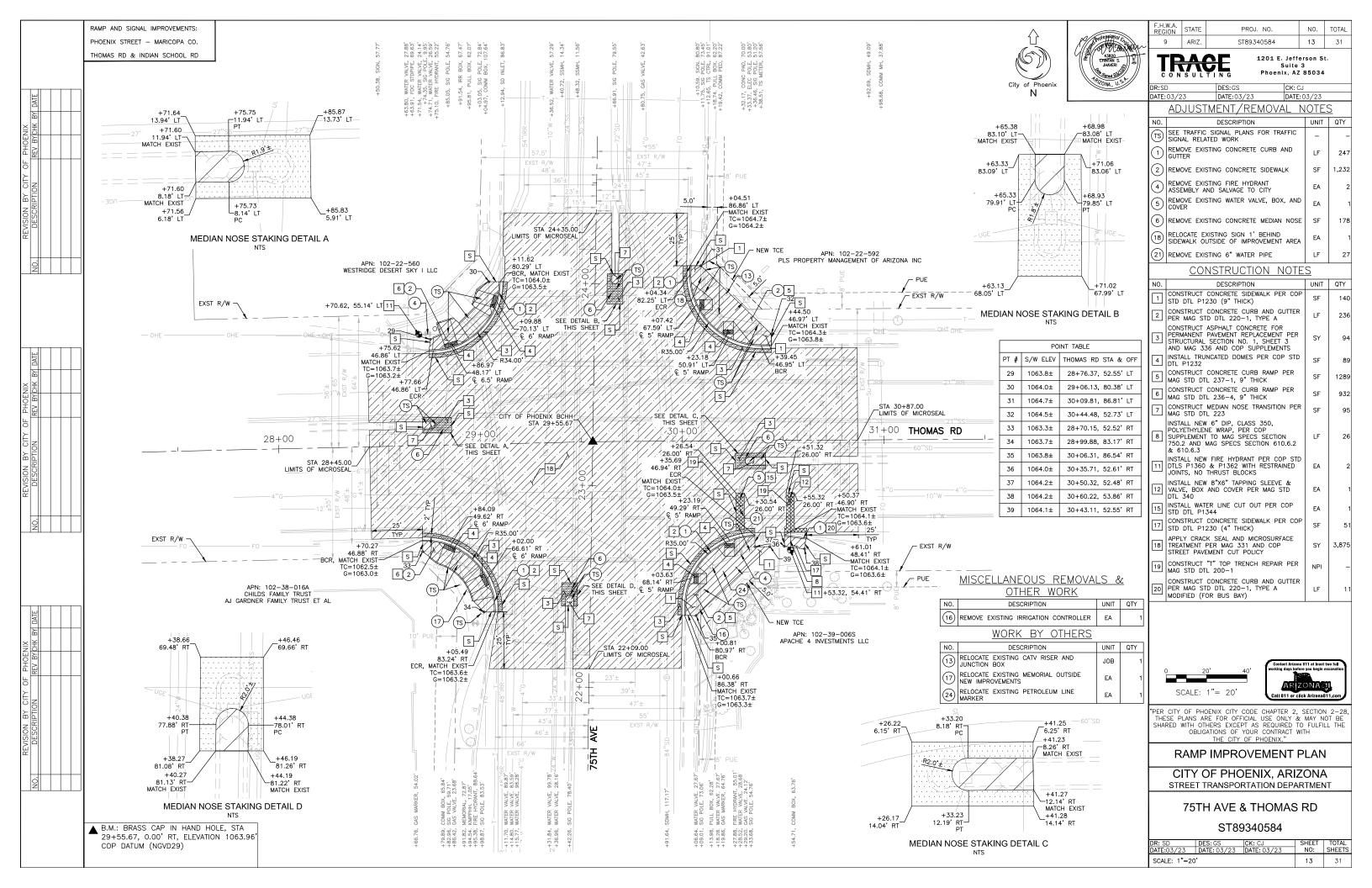
#### RAMP IMPROVEMENT PLAN

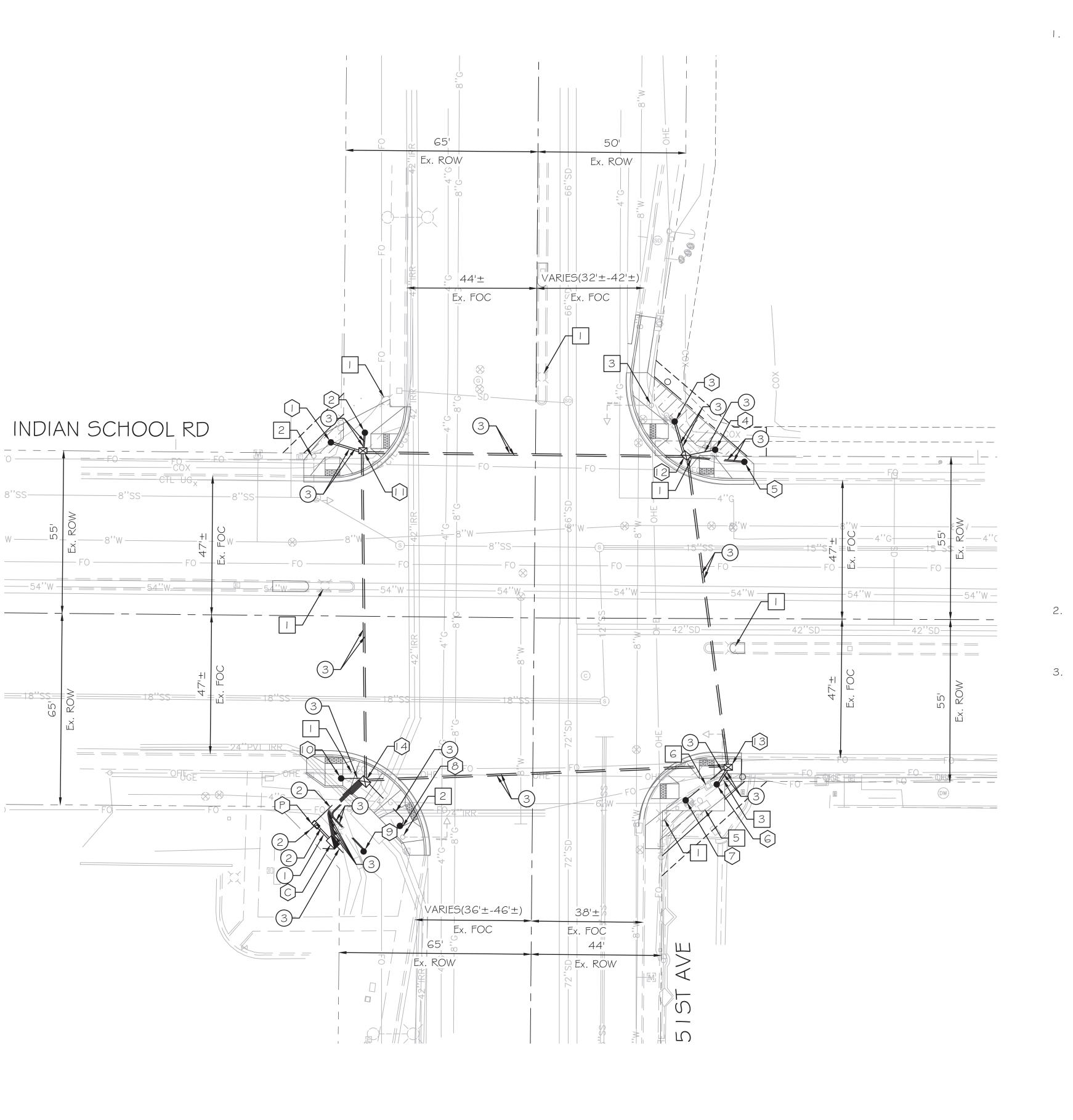
CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

### 67TH AVE & INDIAN SCHOOL RD ST89340584

DR: SD	DES: GS	CK: CJ	SHEET	TOTAL	
DATE:03/23	DATE: 03/23	DATE: 03/23	NO:	SHEETS	
SCALE: 1"=20	,		11	31	







- 1.1 The contractor shall notify the City of Phoenix Traffic Signal Shop (602-262-6733) a minimum of fourteen (14) calendar days prior to beginning any traffic signal work. Submittals of all equipment shall be furnished to the Signal Shop and approved prior to ordering any traffic signal equipment. The contractor shall verify they have the current approved plan set prior to starting and ordering of any equipment.
- 1.2 The contractor shall layout all ADA ramps, junction boxes and foundation locations for approval by a traffic signal representative. Contractor must have a current visible Bluestake showing all utilities. All ADA ramps shall be laid out in white marking paint to determine best traffic signal pole locations.
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1201 E. Jefferson St. Phoenix, AZ 85034

NO. TOTAL

14 31

CK: HJP DATE: MAR 20

PROJ. NO.

ST89340584

## PROPOSED FOUNDATION SCHEDULE

NO	TYPE	OFFSET FROM INDIAN SCHOOL RD MON LINE	OFFSET FROM 5   ST AVE MON LINE
Р	PSP*	70.6 ft. SOUTH	73.2 ft. WEST
С	CONT	76.6 ft. SOUTH	67.4 ft. WEST
ı	P70	58.7 ft. NORTH	69.2 ft. WEST
2	LP	G2.I ft. NORTH	57.7 ft. WEST
3	P70	66.6 ft. NORTH	47.0 ft. EAST
4	BP	57.1 ft. NORTH	60.8 ft. EAST
5	LP	53.0 ft. NORTH	70.7 ft. EAST
6	P70	56.1 ft. SOUTH	62.3 ft. EAST
7	GP	G1.5 ft. SOUTH	51.8 ft. EAST
8	BP	70.8 ft. SOUTH	44.7 ft. WEST
9	P70	79.5 ft. SOUTH	57.0 ft. WEST
10	GP	54.9 ft. SOUTH	64.8 ft. WEST

PSP\* - Type "B" Power Service Pedestal Foundation

# PROPOSED JUNCTION BOX SCHEDULE

NO	TYPE	OFFSET FROM INDIAN SCHOOL RD MON LINE	OFFSET FROM 5 I ST AVE MON LINE
11	#7	56.0 ft. NORTH	58.4 ft. WEST
12	#7	55.2 ft. NORTH	50.9 ft. EAST
13	#7	50.3 ft. SOUTH	GG.I ft. EAST
14	#7	55.9 ft. SOUTH	56.8 ft. WEST

# INSTALL

See Foundation Schedule See Junction Box Schedule

I" Schedule 40 PVC

2" Schedule 40 PVC

2-1/2" Schedule 40 PVC

## REMOVE

Remove Existing 'A' Pole Foundation, Full Depth, Per COP Traffic Spec

Remove Existing Foundation a Minimum of 10" Below Finished Grade Per COP Traffic Spec 479.2.4 - 2

Remove Existing Mixed Use Pole (By Others) - 2

Controller Cabinet and Foundation - I

Power Service Pedestal and Foundation - I

See Sheet 5 of 31 for SRP Undercrossing Detail

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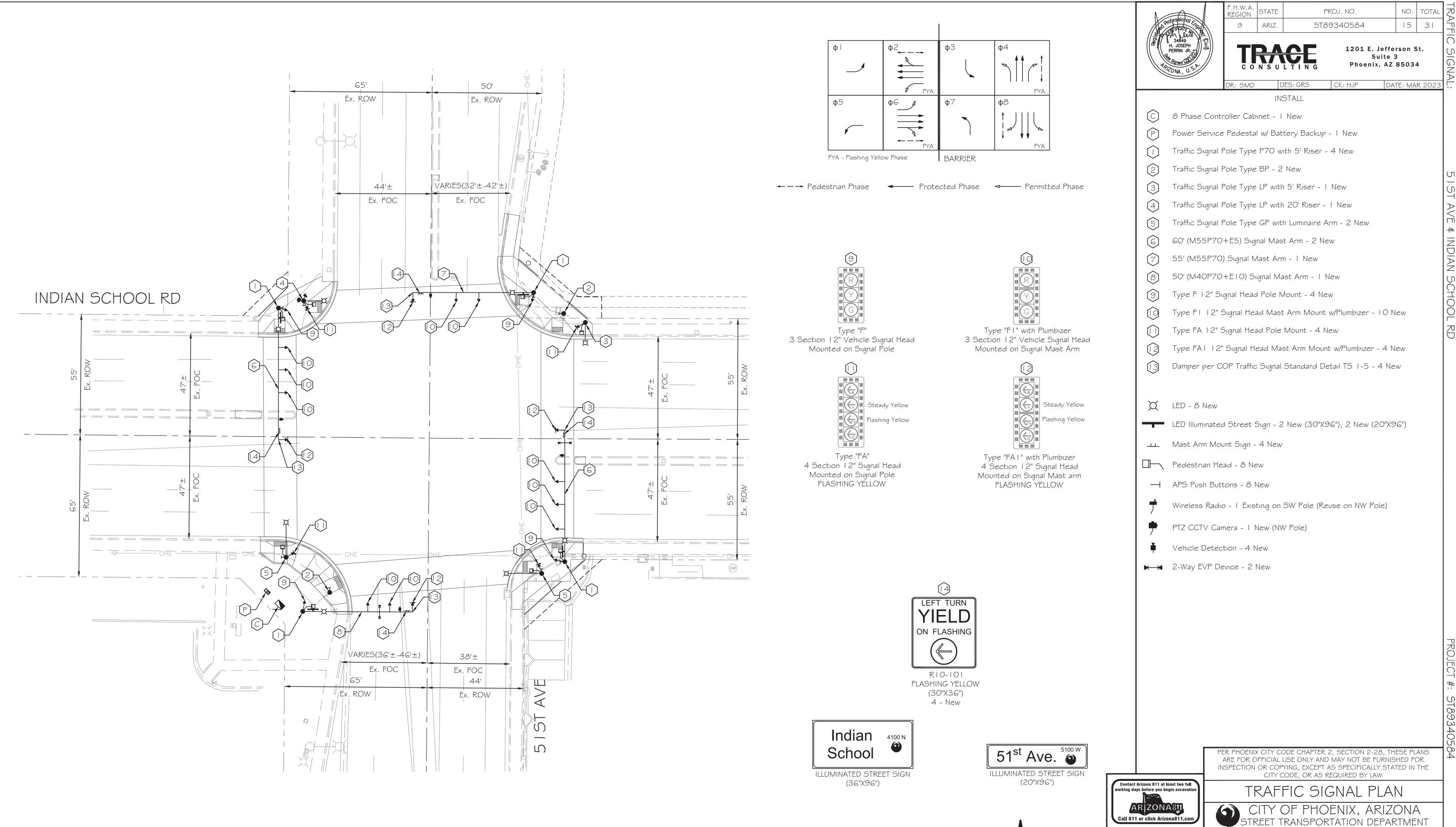
SIGNAL PLAN 5 | ST AVE & INDIAN SCHOOL RD

FOUNDATION

1/0000	PROJECT #: ST89340584				FILE NO:	11176	] ''
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	SCALE:  " = 20'	12	127	Q5. #:	1	4	\ - -

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SIGNAL PLAN

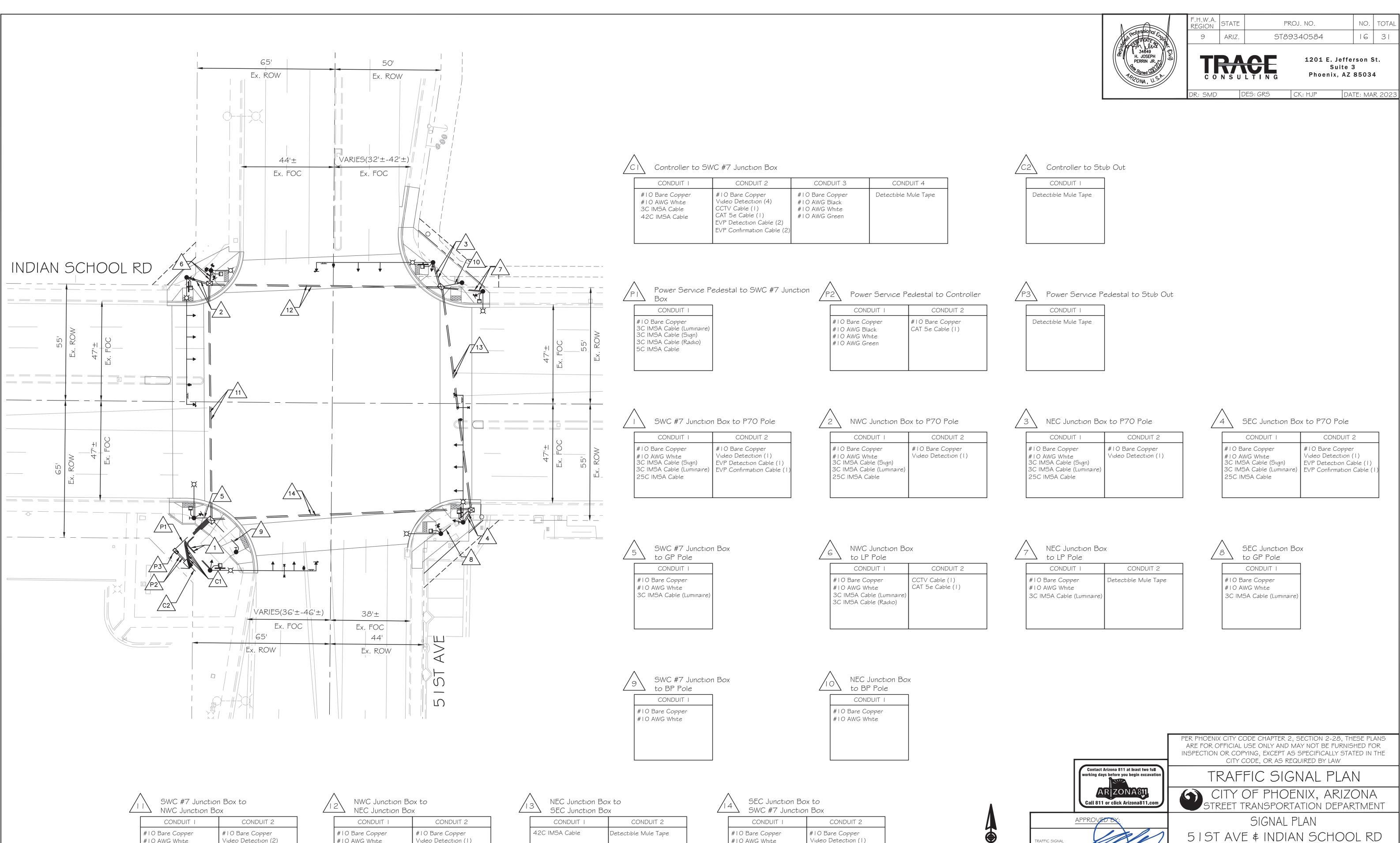
5 | ST AVE \$ INDIAN SCHOOL RD

EQUIPMENT

ROJECT #: ST89340584

STREET TRANSPORTATION TRAFFIC SERVICES DEPUTY DIRECTOR

FILE NO: 11176 JK: SMDDES: GRSCK: HJPSHEETTOTALDATE: MAR 2023DATE: MAR 2023NO: SHEETS



#10 AWG White

5C IMSA Cable 42C IMSA Cable Video Detection (1)

EVP Confirmation Cable (

3C IMSA Cable (Luminaire) EVP Detection Cable (1)

#10 AWG White

5C IMSA Cable

42C IMSA Cable

3C IMSA Cable (Luminaire

3C IMSA Cable (Radio)

Video Detection (2)

CCTV Cable (1)

CAT 5e Cable (1)

#10 AWG White

5C IMSA Cable

42C IMSA Cable

3C IMSA Cable (Luminaire

Video Detection (1)

FILE NO: 11176

WIRING

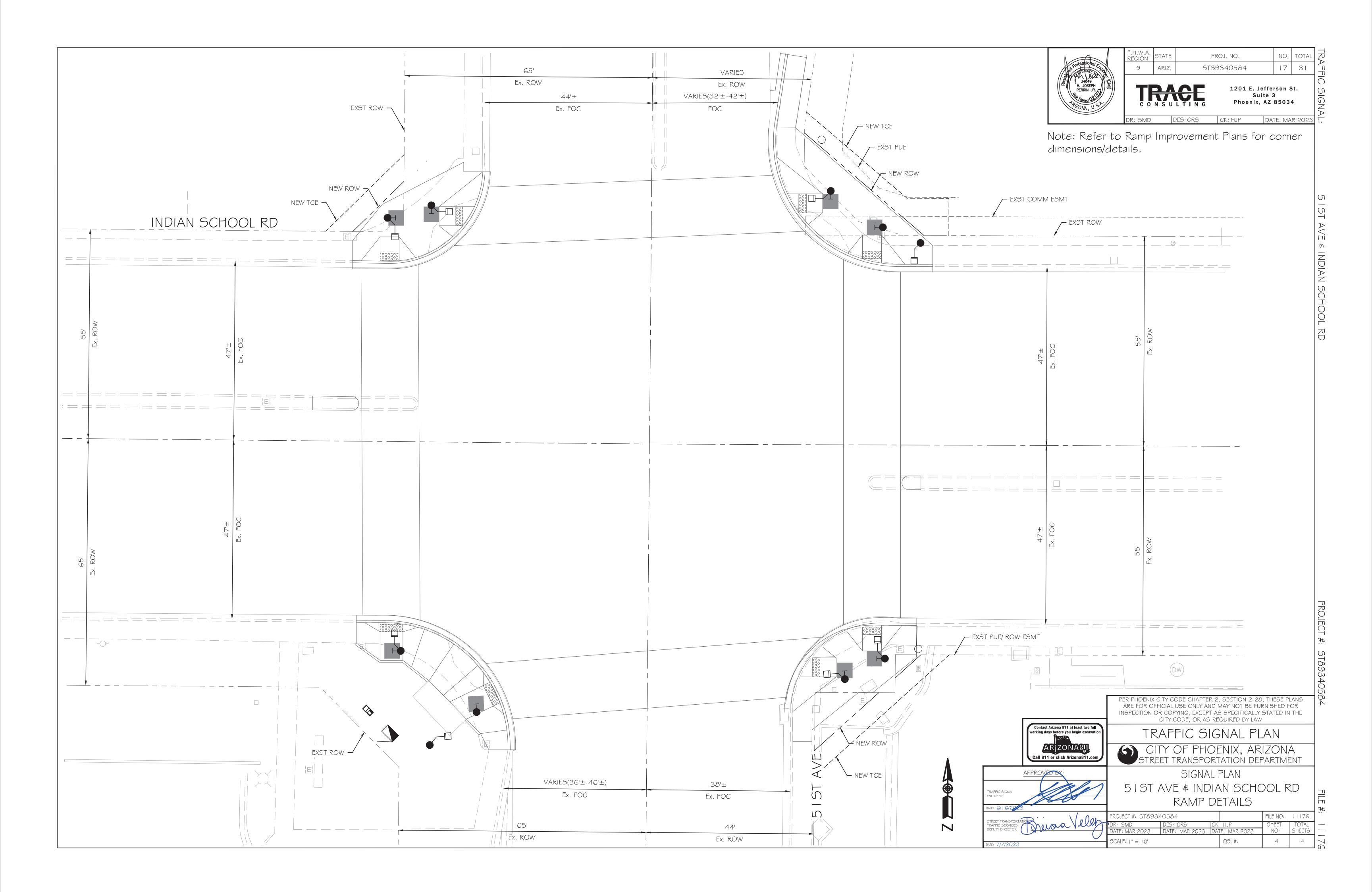
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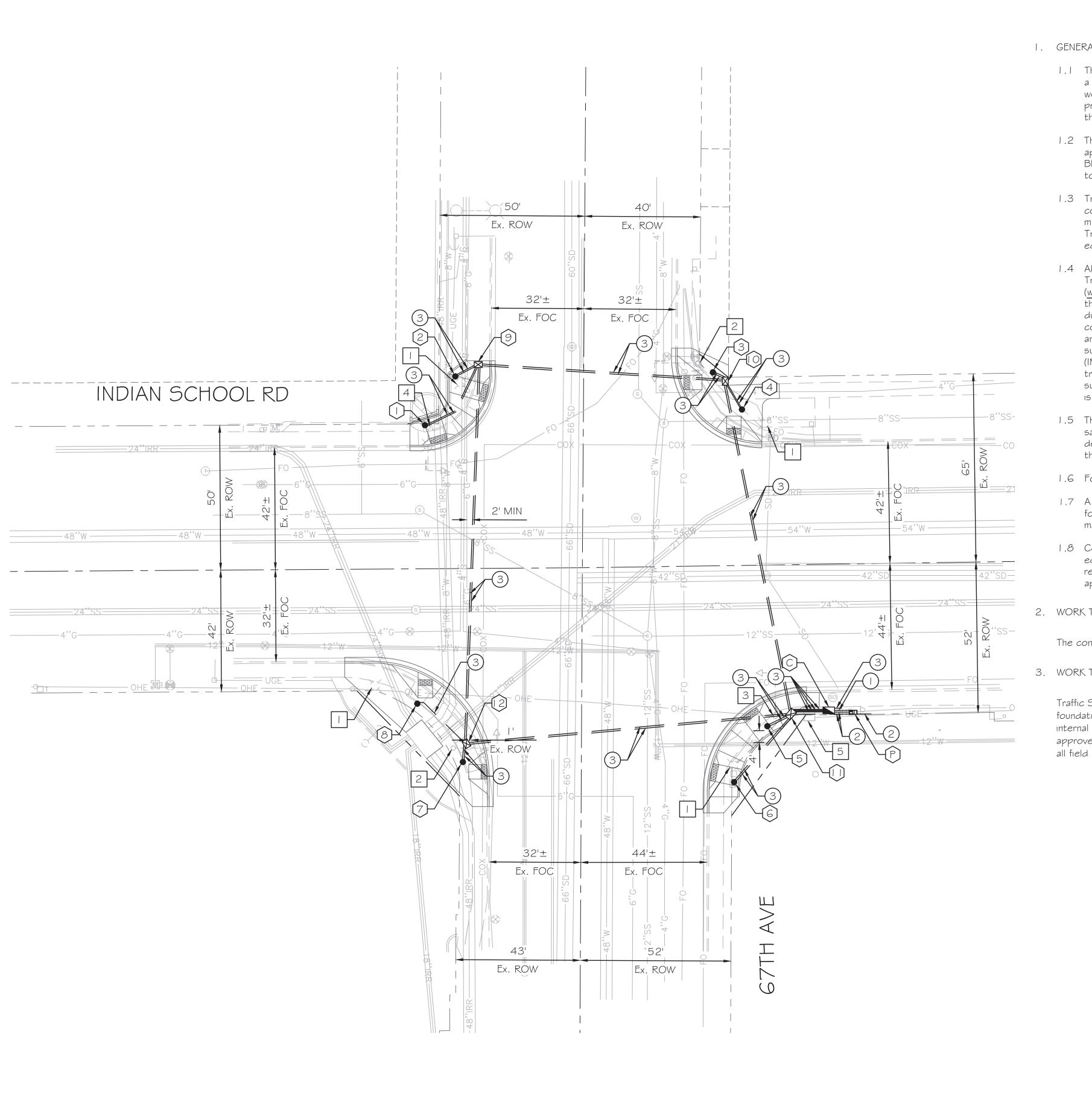
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ROJECT #: ST89340584

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1201 E. Jefferson St. Phoenix, AZ 85034

NO. TOTAL

18 31

DES: GRS CK: HJP DATE: MAR 20

PROJ. NO.

ST89340584

# PROPOSED FOUNDATION SCHEDULE

NO	TYPE	OFFSET FROM INDIAN SCHOOL RD MON LINE	OFFSET FROM 67TH AVE MON LINE	
Р	PSP*	51.2 ft. SOUTH	93.8 ft. EAST	
С	CONT	50.5 ft. SOUTH	85.3 ft. EAST	
I	P45	49.6 ft. NORTH	54.7 ft. WEST	]67
2	LP	66.3 ft. NORTH	44.3 ft. WEST	67TH AVE
3	P70	66.8 ft. NORTH	44.6 ft. EAST	$\geq$
4	LP	53.8 ft. NORTH	54.7 ft. EAST	<del>-(M-</del>
5	P70	55.6 ft. SOUTH	64.2 ft. EAST	
6	LP	74.7 ft. SOUTH	52.8 ft. EAST	
7	P45	66.8 ft. SOUTH	40.9 ft. WEST	20
8	GP	46.6 ft. SOUTH	56.7 ft. WEST	INDIAN SCHOC
PSF	P* - Tvp	e "B" Power Service Pedestal Foundation		1ŏ

### 75P\* - Type "B" Power Service Pedestal Foundation

# PROPOSED JUNCTION BOX SCHEDULE

NO	TYPE	OFFSET FROM INDIAN SCHOOL RD MON LINE	OFFSET FROM 67TH AVE MON LINE
9	#7	70.4 ft. NORTH	36.4 ft. WEST
10	#7	63.7 ft. NORTH	48.9 ft. EAST
11	#7	51.5 ft. SOUTH	72.2 ft. EAST
12	#7	60.5 ft. SOUTH	39.7 ft. WEST

## INSTALL

See Foundation Schedule

See Junction Box Schedule

I" Schedule 40 PVC

2" Schedule 40 PVC

2-1/2" Schedule 40 PVC

## REMOVE

Remove Existing 'A' Pole Foundation, Full Depth, Per COP Traffic Spec

Remove Existing Foundation a Minimum of 10" Below Finished Grade Per COP Traffic Spec 479.2.4 - 2

Remove Existing Mixed Use Pole (By Others) - 1

Remove Existing 30"± Foundation, Full Depth, Per COP Traffic Spec 479.2.4 - 1

Controller Cabinet and Foundation - I

See Sheet 5 of 31 for SRP Undercrossing Detail

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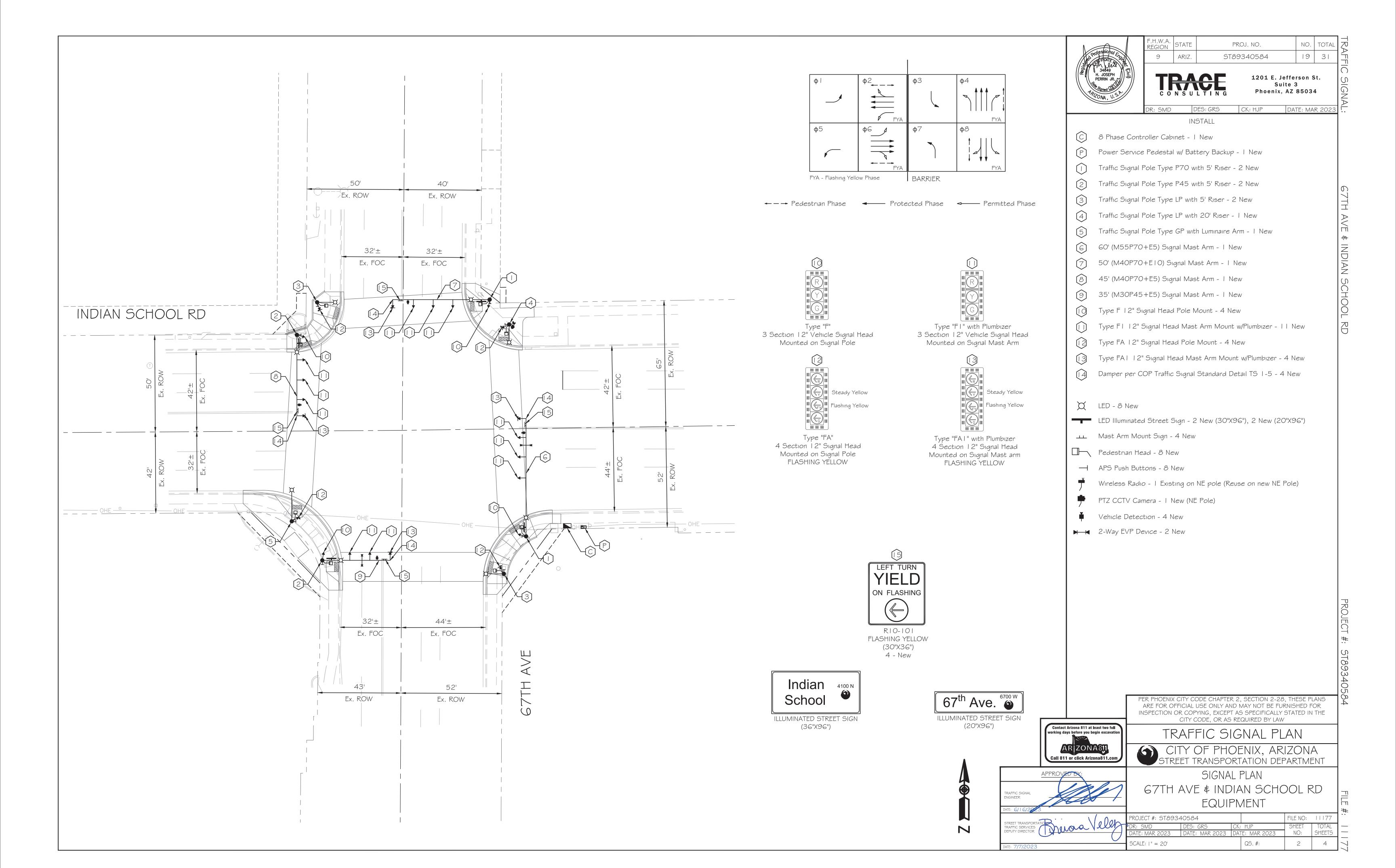


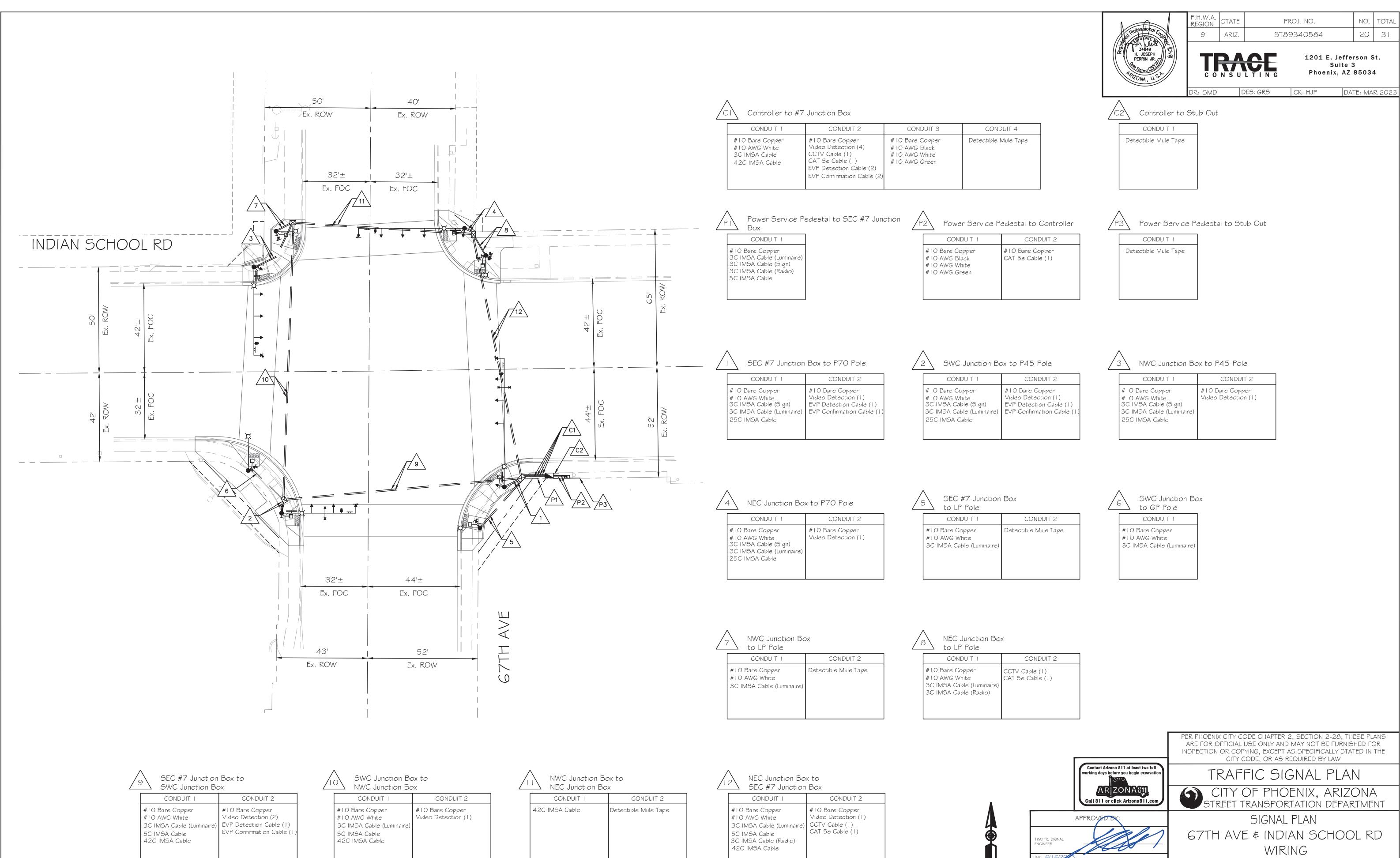
TRAFFIC SIGNAL PLAN CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

SIGNAL PLAN

67TH AVE \$ INDIAN SCHOOL RD FOUNDATION

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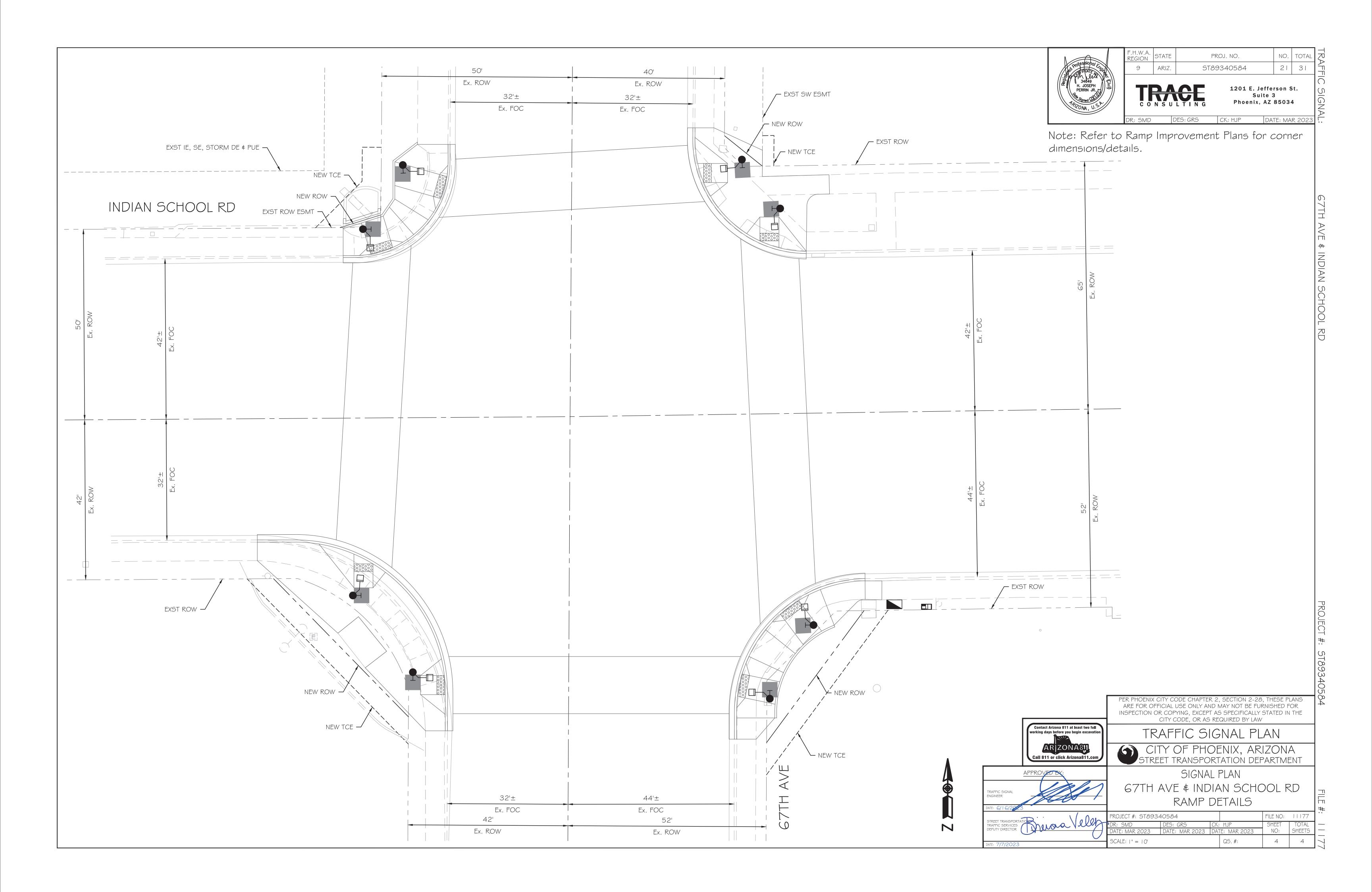


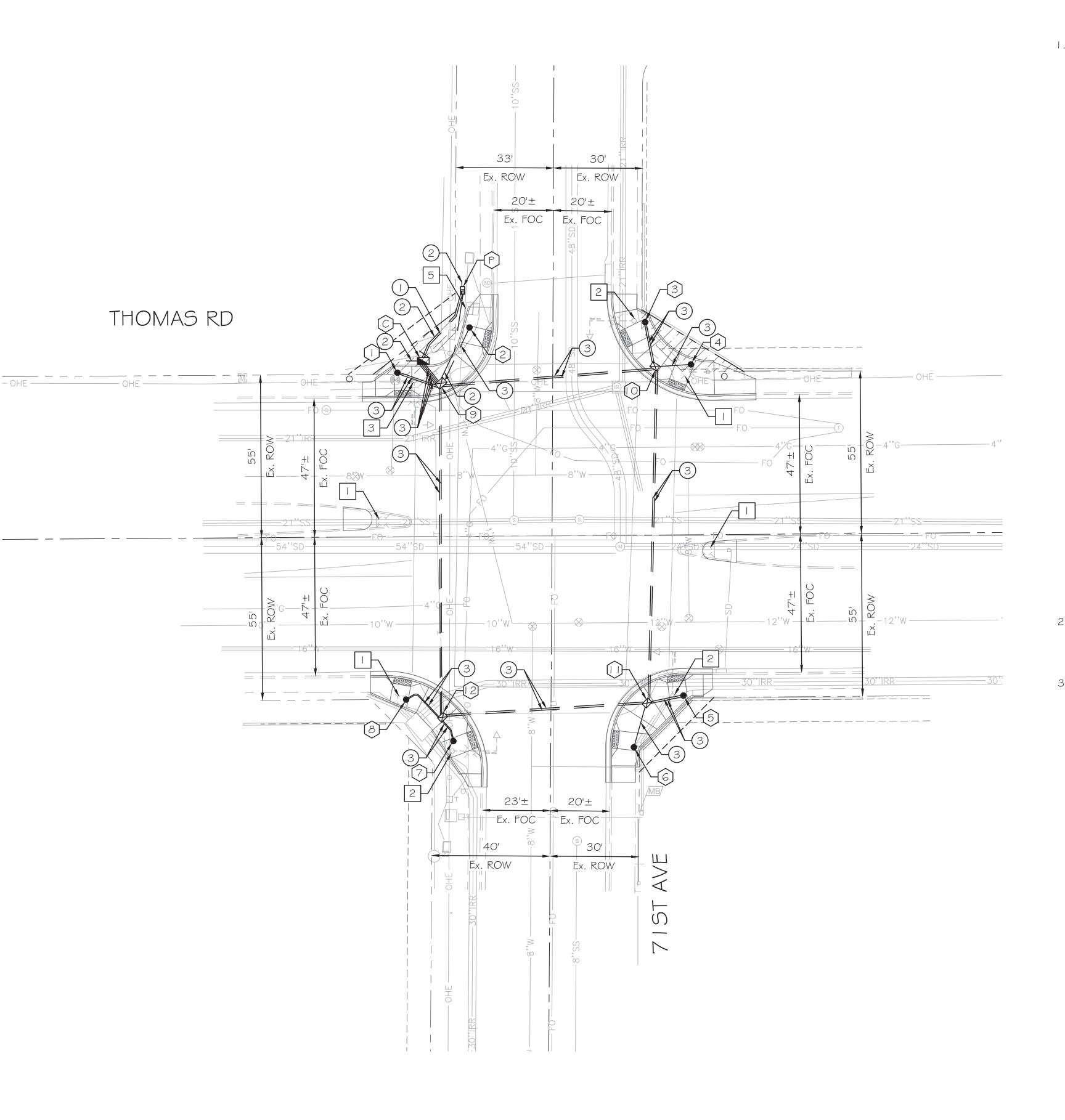


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DR: SMD	DES: GRS	CK:	HJP	SHEET	TOTAL	-
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1201 E. Jefferson St. Suite 3 Phoenix, AZ 85034

NO. TOTAL

22 31

R: SMD DES: GRS CK: HJP DATE: MAR 2023

PROJ. NO.

ST89340584

# PROPOSED FOUNDATION SCHEDULE

NO	TYPE	OFFSET FROM THOMAS RD MON LINE	OFFSET FROM 7 I ST AVE MON LINE
Р	PSP*	83.2 ft. NORTH	30.6 ft. WEST
С	CONT	59.4 ft. NORTH	43.8 ft. WEST
1	P70	55.5 ft. NORTH	52.5 ft. WEST
2	AP	70.6 ft. NORTH	28.2 ft. WEST
3	P45	72.0 ft. NORTH	31.2 ft. EAST
4	GP	57.6 ft. NORTH	46.7 ft. EAST
5	P70	54.3 ft. SOUTH	44.7 ft. EAST
6	AP	71.7 ft. SOUTH	28.1 ft. EAST
7	P45	69.2 ft. SOUTH	32.9 ft. WEST
8	LP	55.1 ft. SOUTH	49.0 ft. WEST

PSP\* - Type "B" Power Service Pedestal Foundation

# PROPOSED JUNCTION BOX SCHEDULE

NO	TYPE	OFFSET FROM THOMAS RD MON LINE	OFFSET FROM 7 I ST AVE MON LINE
9	#7	51.8 ft. NORTH	37.7 ft. WEST
10	#7	57.0 ft. NORTH	34.5 ft. EAST
11	#7	56.8 ft. SOUTH	32.5 ft. EAST
12	#7	60.9 ft. SOUTH	38.5 ft. WEST

### INSTALL

thru 8 See Foundation Schedule

9 thru (12) See Junction Box Schedule

(I) I" Schedule 40 PVC

2) 2" Schedule 40 PVC

(3) 2-1/2" Schedule 40 PVC

# REMOVE

Remove Existing 'A' Pole Foundation, Full Depth, Per COP Traffic Spec

Remove Existing Foundation a Minimum of 10" Below Finished Grade Per COP Traffic Spec 479.2.4 - 3

Remove Existing Mixed Use Pole (By Others) - I

Controller Cabinet and Foundation - 1

Note:
See Sheet 5 of 31 for SRP Undercrossing Detail

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SIGNAL PLAN
7 I ST AVE \$ THOMAS RD
FOUNDATION

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<del>'</del>	DATE: MAR 2023	DATE: MAR 2023	DAT	E: MAR 2023	NO:	SHEETS	-
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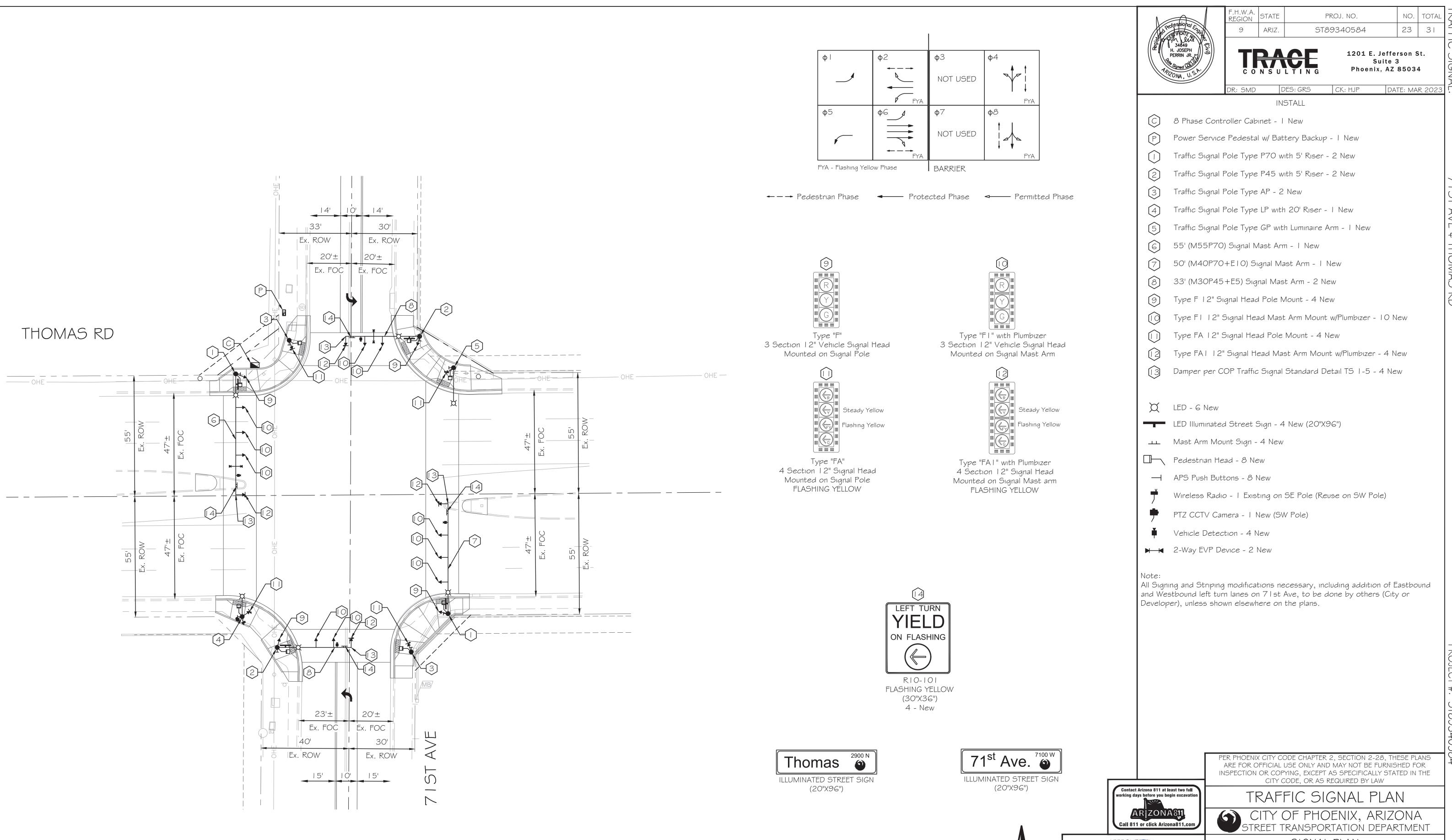
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APPROVED DY:

TRAFFIC SIGNAL ENGINEER

DATE: G/I G/2023

STREET TRANSPORTATION TRAFFIC SERVICES DEPUTY DIRECTOR

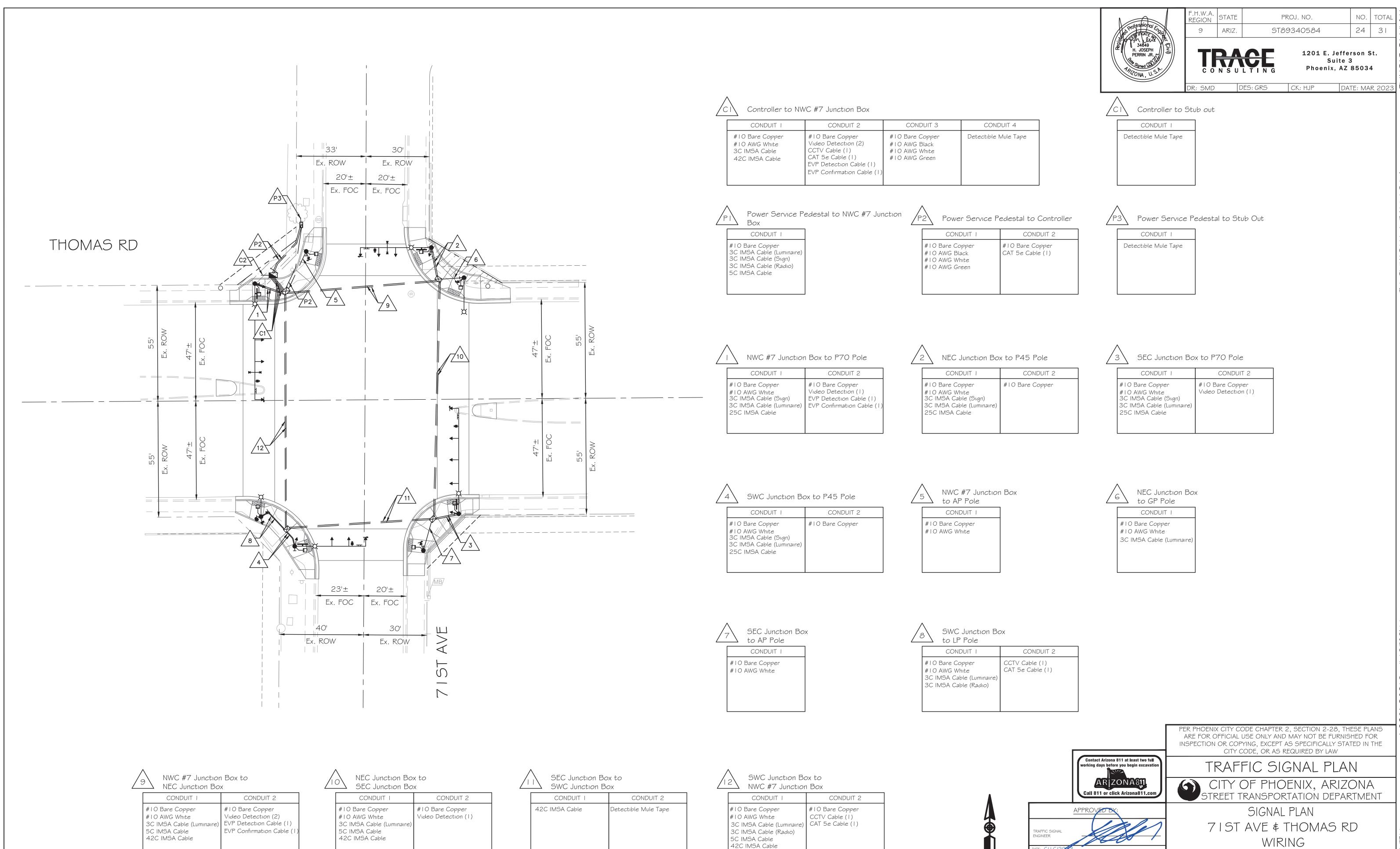


SIGNAL PLAN

T TRANSPORTATION C SERVICES / DIRECTOR

7 I ST AVE & THOMAS RD EQUIPMENT

PROJECT #: ST89340584				11178	
DES: GRS	CK:	HJP	SHEET	TOTAL	-
DATE: MAR 2023	DAT	E: MAR 2023	NO:	SHEETS	_
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FILE NO: 11178

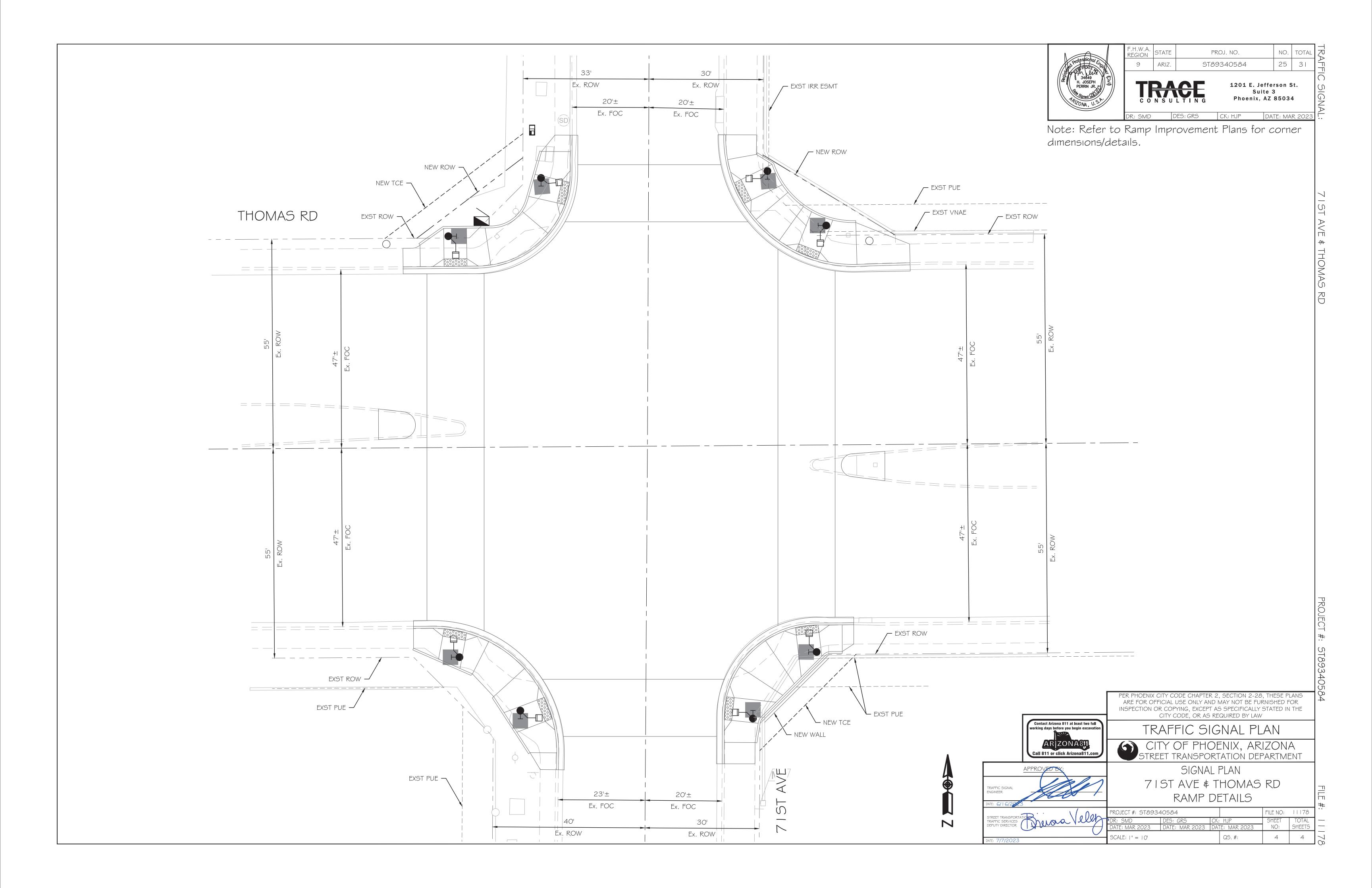
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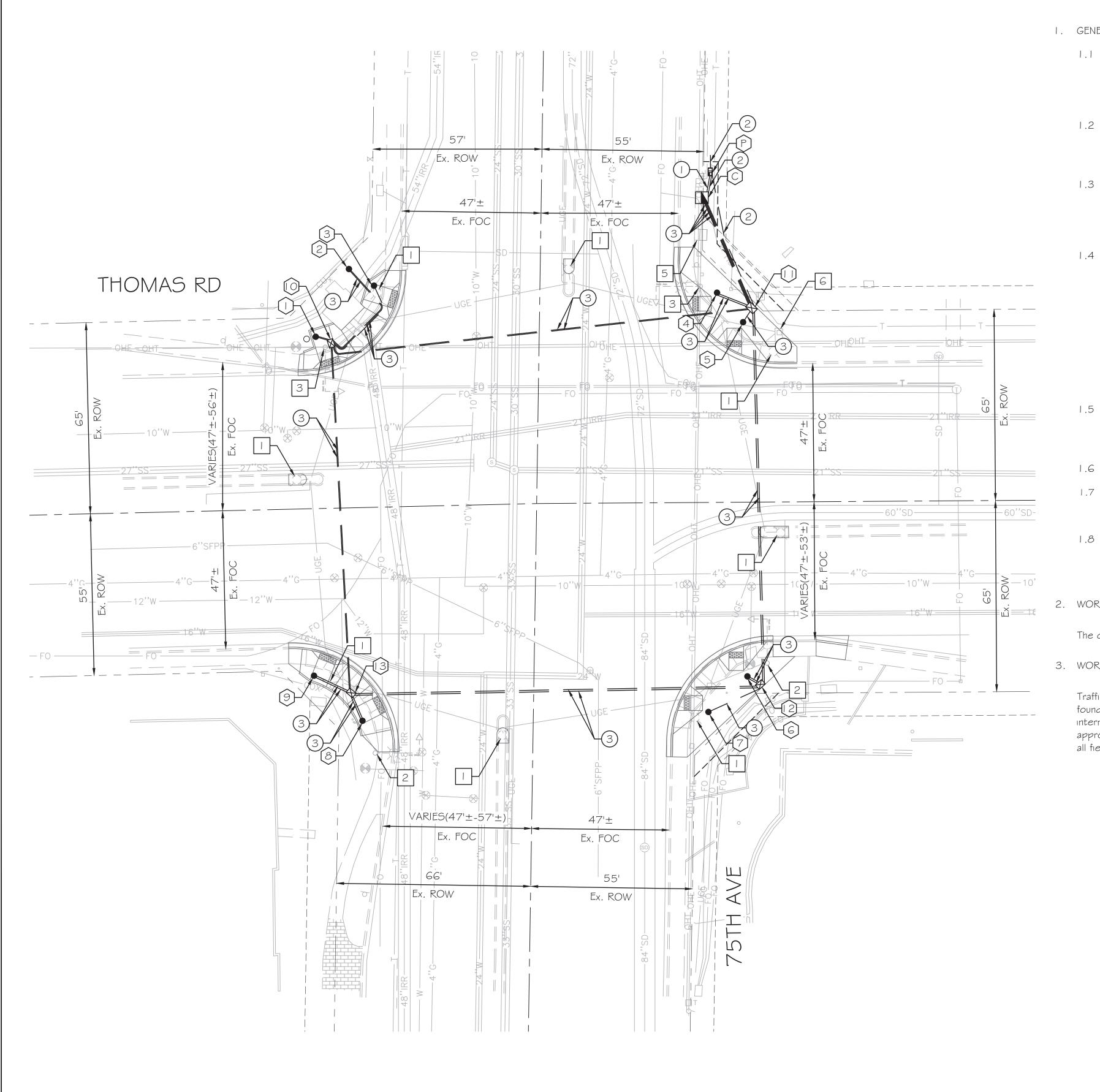
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	F.H.W.A. REGION	STATE	

1201 E. Jefferson St. Phoenix, AZ 85034

NO. TOTAL

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CK: HJP DES: GRS DATE: MAR 20

PROJ. NO.

ST89340584

# PROPOSED FOUNDATION SCHEDULE

ı				
NO	TYPE	OFFSET FROM THOMAS RD MON LINE	OFFSET FROM 75TH AVE MON LINE	
Р	PSP*	I I 2.4 ft. NORTH	57.3 ft. EAST	
С	CONT	103.6 ft. NORTH	55.6 ft. EAST	
ı	P70	58.4 ft. NORTH	75.9 ft. WEST	
2	LP	81.2 ft. NORTH	65.0 ft. WEST	7511
3	BP	75.3 ft. NORTH	56.4 ft. WEST	AVE
4	P70	71.3 ft. NORTH	60.2 ft. EAST	₩ 
5	GP	61.2 ft. NORTH	69.3 ft. EAST	] =
6	P70	59.2 ft. SOUTH	72.6 ft. EAST	CAMOHI
7	GP	71.2 ft. SOUTH	59.5 ft. EAST	3
8	P70	72.5 ft. SOUTH	58.1 ft. WEST	[근
9	LP	56.8 ft. SOUTH	74.8 ft. WEST	
PSF	)* T.//	o "B" Power Service Podestal Foundati	On	1

PSP\* - Type "B" Power Service Pedestal Foundation

# PROPOSED JUNCTION BOX SCHEDULE

NO	TYPE	OFFSET FROM THOMAS RD MON LINE	OFFSET FROM 7 IST AVE MON LINE
10	#7	59.8 ft. NORTH	72.1 ft. WEST
	#7	66.0 ft. NORTH	72.0 ft. EAST
12	#7	62.0 ft. SOUTH	77.0 ft. EAST
13	#7	62.9 ft. SOUTH	62.1 ft. WEST

See Foundation Schedule

(13) See Junction Box Schedule

I" Schedule 40 PVC

2" Schedule 40 PVC

2-1/2" Schedule 40 PVC

# REMOVE

Remove Existing 'A' Pole Foundation, Full Depth, Per COP Traffic Spec 479.2.4 - 8

Remove Existing Foundation a Minimum of 10" Below Finished Grade Per COP Traffic Spec 479.2.4 - 2

Remove Existing Mixed Use Pole (By Others) - 2

Controller Cabinet and Foundation - I

Power Service Pedestal and Foundation - 1

See Sheet 5 of 31 for SRP Undercrossing Detail

PER PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY AND MAY NOT BE FURNISHED FOR INSPECTION OR COPYING, EXCEPT AS SPECIFICALLY STATED IN THE CITY CODE, OR AS REQUIRED BY LAW



CITY OF PHOENIX, ARIZONA Call 811 or click Arizona811.com STREET TRANSPORTATION DEPARTMENT SIGNAL PLAN

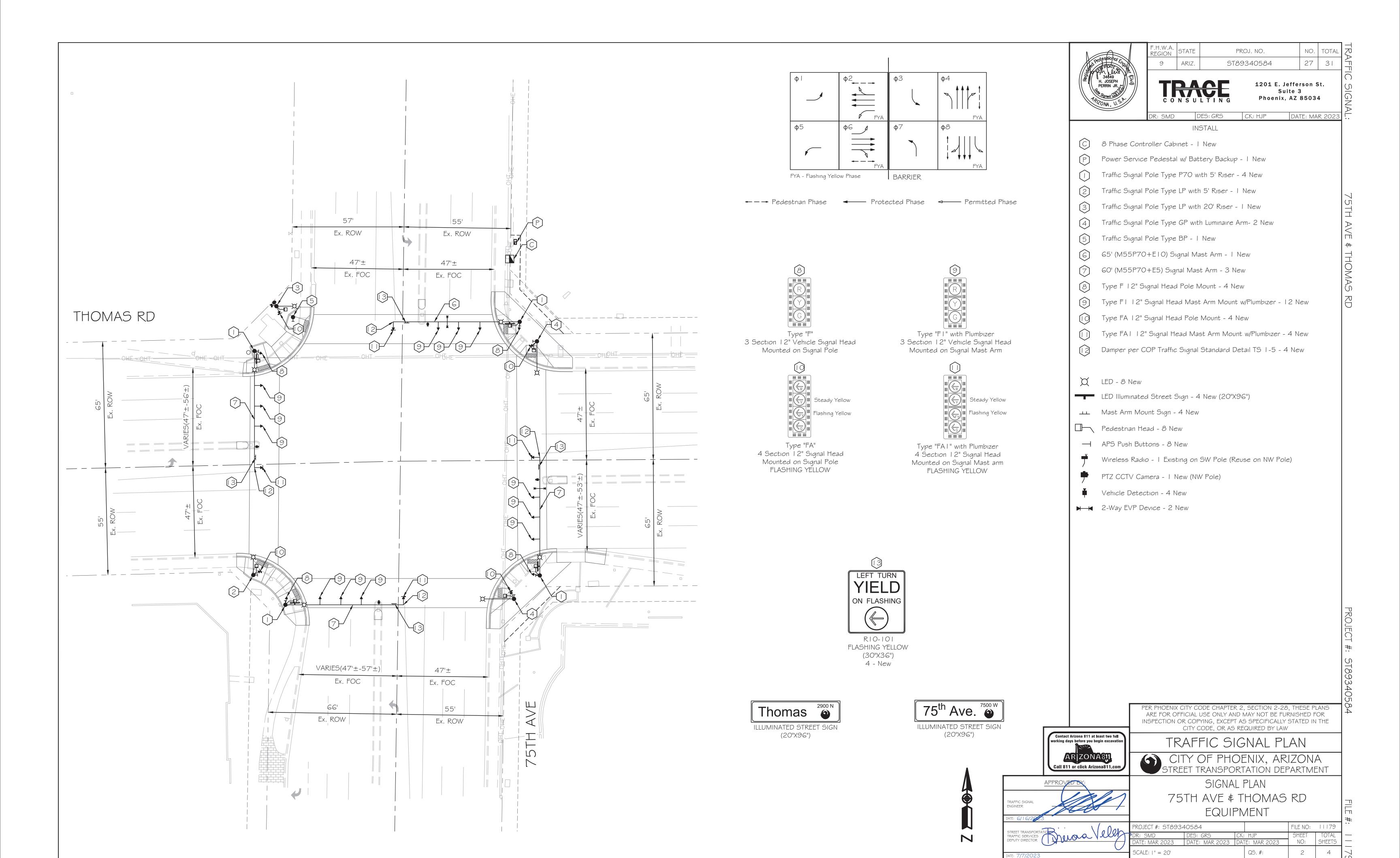
75TH AVE \$ THOMAS RD FOUNDATION

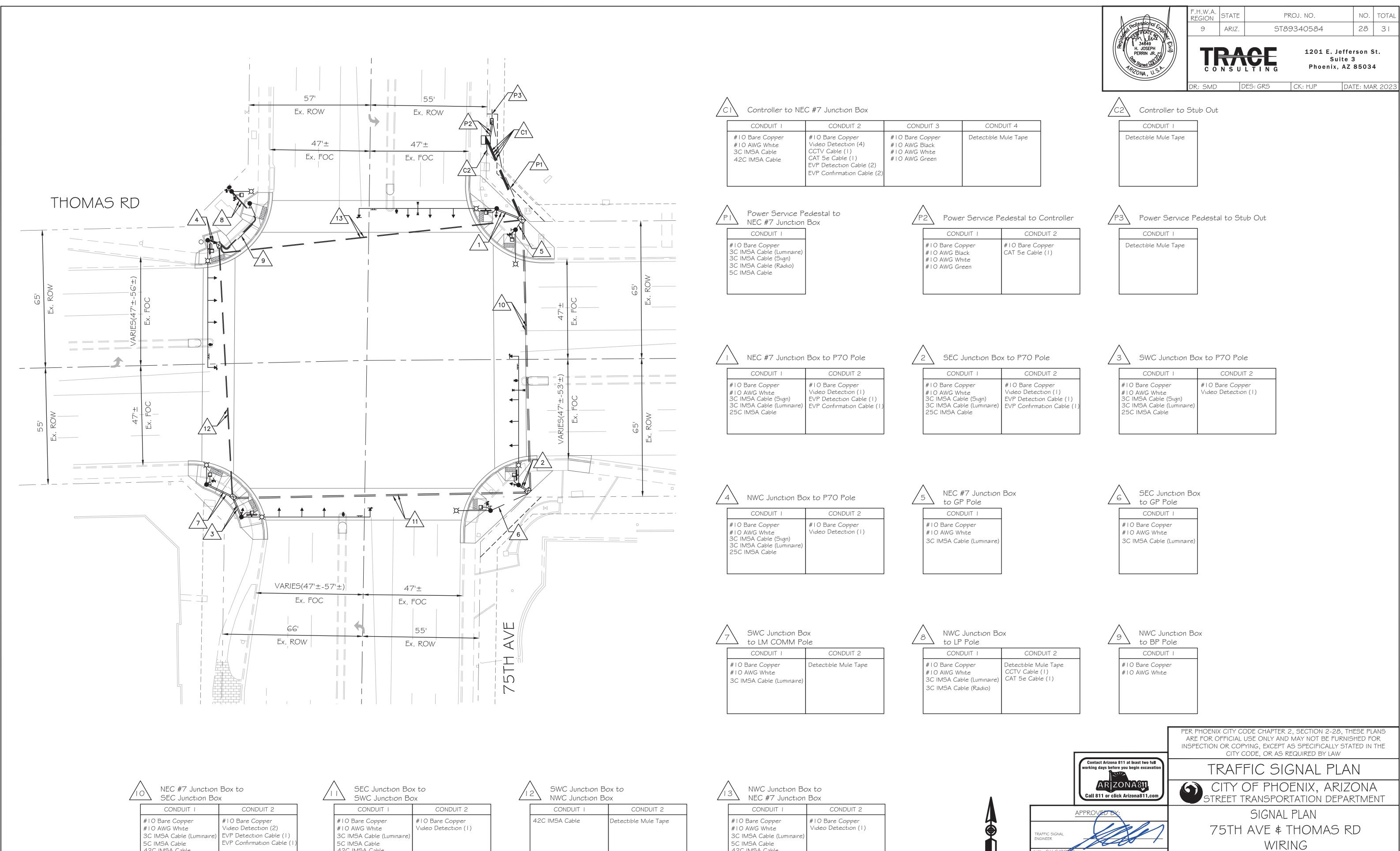
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1	<del>- ( )</del>	DATE: MAR 2023	DATE: MAR 2023	DAT	E: MAR 2023	NO:	SHEETS	_
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		30/KLL:   = 20			ασ	'	-1	(0)



7







5C IMSA Cable

42C IMSA Cable

5C IMSA Cable

42C IMSA Cable

5C IMSA Cable

42C IMSA Cable

FILE NO: 11179

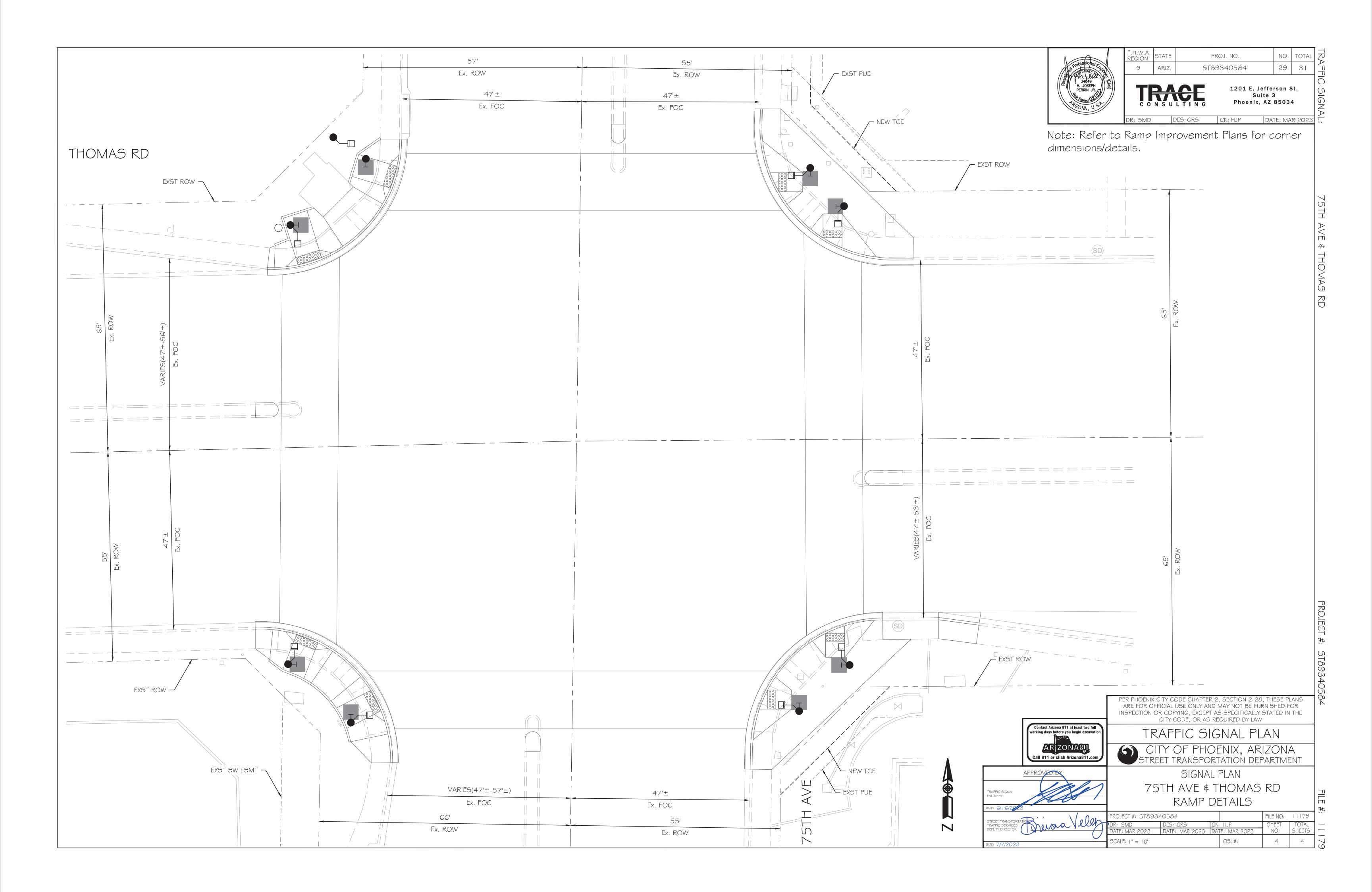
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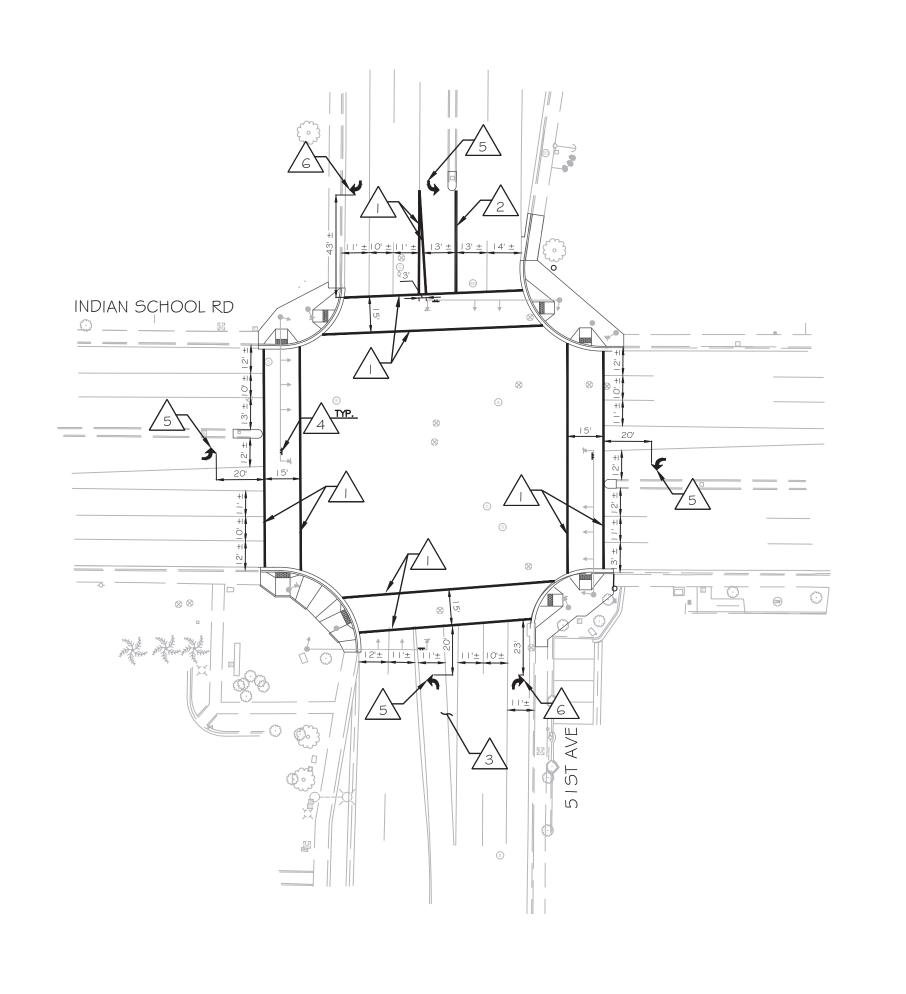
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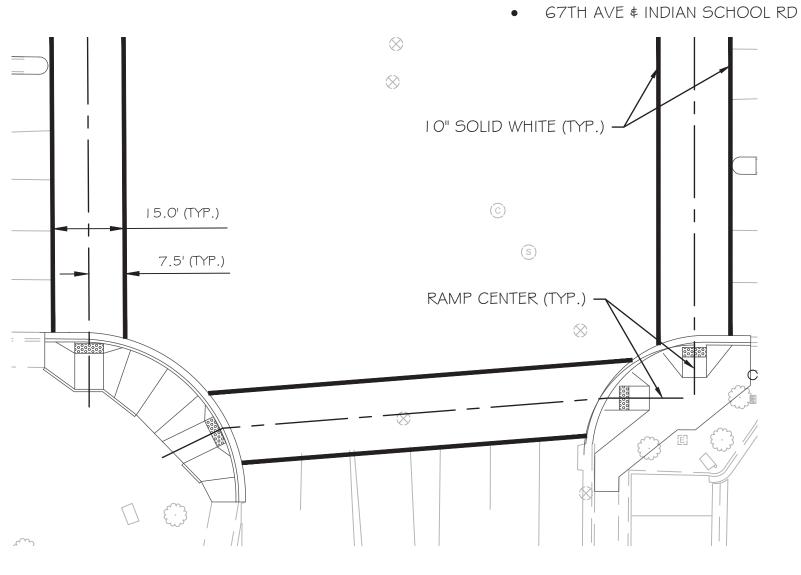
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QS.#:

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LEFT TURN

YIELD

ON FLASHING

NEW MAST ARM SIGN



Q Civil	T		
Engin	9	ARIZ.	
	F.H.W.A. REGION	STATE	

ST89340584

1201 E. Jefferson St. Suite 3 Phoenix, AZ 85034

NO. TOTAL

30 31

DES: GRS CK: HJP DATE: DEC 202

PROJ. NO.

# GENERAL NOTES

I. CONTRACTOR SHALL OBLITERATE ALL EXISTING PAVEMENT MARKINGS IN CONFLICT WITH THE PROPOSED MARKINGS.

# PAVEMENT MARKING NOTES

NO.	DESCRIPTION
	APPLY 10-INCH (10") SOLID WHITE PAVEMENT MARKING
2	APPLY 4-INCH (4") SOLID DOUBLE YELLOW PAVEMENT MARKING
3	PAINT NEW INTERSECTION STRIPING WITHIN LIMITS OF MICROSURFACE TREATMENT
5	INSTALL NEW PREFORMED THERMOPLASTIC ARROW (LEFT) PER ADOT STD DTL M-10

# INSTALL NEW PREFORMED THERMOPLASTIC ARROW (RIGHT) PER ADOT STD DTL M-10

- I. STRIPING PLAN APPROVAL IS VALID FOR 365 CALENDAR DAYS FROM DATE SIGNED. IF THE NOTIFICATION IS NOT RECEIVED PRIOR TO THE 365 DAYS ELAPSING, THE STRIPING PLAN MUST BE RE-SUBMITTED FOR APPROVAL OR AN EXTENSION GRANTED BY THE TRAFFIC SERVICES DEPUTY DIRECTOR OR AN AUTHORIZED REPRESENTATIVE TO ENSURE THAT THE PROPOSED STRIPING PLAN IS STILL ACCEPTABLE.
- 2. THE CITY OF PHOENIX INSPECTOR SHALL NOTIFY THE CITY OF PHOENIX TRAFFIC SERVICES FIELD INVESTIGATOR UNIT (602)262-4684 A MINIMUM OF FIFTEEN (15) BUSINESS DAYS PRIOR TO HAVING TRAFFIC SIGN AND PAVEMENT WORK COMMENCE.

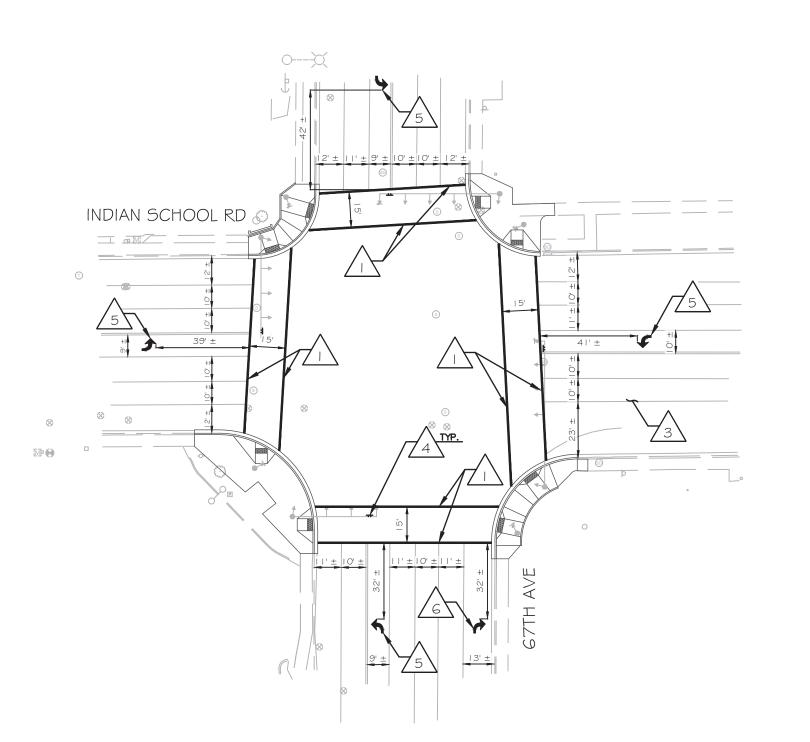
PER PHOENIX CITY CODE CHAPTER 2, SECTION 2-28, THESE PLANS ARE FOR OFFICIAL USE ONLY AND MAY NOT BE FURNISHED FOR INSPECTION OR COPYING, EXCEPT AS SPECIFICALLY STATED IN THE CITY CODE, OR AS REQUIRED BY LAW Contact Arizona 811 at least two full working days before you begin excavation STRIPING PLAN CITY OF PHOENIX, ARIZONA STREET TRANSPORTATION DEPARTMENT

5 | ST AVE & INDIAN SCHOOL RD

67TH AVE \$ INDIAN SCHOOL RD

ATE: DEC 2022 DATE: DEC 2022 DATE: DEC 2022 NO:





15 FT. CROSSWALK DETAIL

LOCATIONS:

• 5 | ST AVE \$ INDIAN SCHOOL RD

